APPENDIX E

AS-BUILT DRAWINGS FOR BUILDING 44

NOTE:
EXISTG. PAIR OF MTL. HANGAR BLDNG. DOORS AND ACCESSORIES TO BE REMOVED ARE NOT SALVAGE. PROVIDE NEW CORRUGATED MTL. SIDING AND INSULATION, SAME MATERIAL AS THE EXISTG. WORK, TO COVER THE DOOR OPENING SPACE ABOVE THE NEW PRE-AGENEERED ADDITION.

EXISTG. OR NEW, AS APPLICABLE, CORRUGATED MTL. SIDING & INSULATION

TOP OF EXISTG. 6" I GIRT

TOP OF EXISTG. I DOOR OPENG. FRAME

EXISTG. 12 WF 31 COL.

PROVIDE NEOPRENE CLOSURE

NEW 6" I GIRT

INSULATION MTL. SIDING

BACK FLASHING (SEE SPECS.)

4"x TREATED WD. GIRT

2"x8" TREATED WD. BLOCKING

EXIST. TREATED WD. PLATE W/VENT GROOVES

3" ANGLE CLOSURE

W10x22 STL. BM. (SEE STRUCT.)

TOP OF NEW W10x22 BEAM

FROM HANGER FINISH FLR.

FELT FLASHING AND ROOFING ENVELOPE (SEE SPECS.)

STRAP HARDWARE @ 2'-0" C.C. MAX.

TREATED WOOD BLOCKING INSTALLED WITH 1/2" ANCHOR BOLTS @ 6'-0" C.C.

ALUM. FASCIA MTL. GUTTER AND DOWNSPOUTS

MINERAL-SURFACE BUILT-UP ROOF

RIGID INSULATION - 1½" THK.

METAL ROOF DECK

STEP BOND BM.

12" BOND BM. - 4-#5 BARS

12" C.M.U.

4-#5 BARS

5'-8" x 11'-8" CAST-IN-PLACE CONC. LINTEL SEE S-6

STEEL JOIST

ROLL UP DOOR MECHANISM AND HOOD (SEE SPECS.)

2-2"x2"x¼" STL. L'S AND ¼" STL. PL. CORNER GUARDS W/ ¾" Ø ANCHORS @ 16" O.C. WELD-ALL-AROUND

ROLL-UP DOOR GUIDES BY DOOR MANUF.

HEAD DETAIL

17'-4" HIGH ROLL-UP DOOR CLEAR OPENG.

12" C.M.U.

FILL CELLS OF C.M.U. W/ MORTAR FOR 12" GROUT TO FULL HGT. OF DOOR OPENG.

2-2"x2"x¼" STL. L'S AND ¼" STL. PL. CORNER GUARDS W/ ¾" Ø ANCHORS @ 16" O.C. WELD ALL-AROUND

STANDARD ROLL UP DOOR GUIDES BY MANUF.

TYPICAL (2) HEAD JAMB

JAMB DETAIL

ROLL-UP DOOR GUIDES BY DOOR MANUF.

TWO GALVANIZED STEEL ANGLES BOTTOM BAR W/ TUBULAR NEOPRENE WEATHER-STRIPPING

FINISH FLR.

6" THK. REINF. CONC. FLR. SLAB

6 MIL. POLYETHYLENE VAPOR BARRIER

COMPACT FILL

8"

2'-0"

A WALL SECTION - BLDG. 44
A-3 | A-5 NEW PACKAGEWAY
SCALE: 3/4" = 1'-0"

MTL. SIDING AND INSULATION AS NECESSARY TO ENCLOSE ACT NEW STORAGE AREA

ROOF MEMBER

TREATED WD. CANT

FELT FLASHING SEE SPECS.

MTL. SURFACE BUILT-UP ROOF

RIGID INSULATION - 1½" THK.

METAL ROOF DECK

SEE NOTES ON DET

A X-3 | A-5

ALUM. FASCIA MTL. GUTTER AND DOWNSPOUTS

TOP OF BOND BM.

STEEL JOIST

JT. REINFORCEMENT EVERY 2ND COURSE (TYPICAL FOR ALL WALLS)

12'-0"

12" EXP. JT.

6" THK. REINF. CONC. SLAB FLOOR

6 MIL. POLYETHYLENE VAPOR BARRIER

COMPACT FILL

2'-0"

8"

B WALL SECTION - BLDG. 44
A-3 | A-5 STORAGE AREA
SCALE: 3/4" = 1'-0"

PROVIDE NEOPRENE CLOSURE

REARRANGE CORRUGATED MTL. SIDING AND INSULATION AS NECESSARY TO ENCLOSE ACT NEW STORAGE AREA

EXIST'G. STL. COL.

TREATED 2x8 WD BLKG

TREATED WOOD NAILER W/VENTILATING GROOVES

TREATED WD NAILER

CAST IN-PLACE CONCRETE VARIES 8" TO 0

TOP BOND BM.

BOND BEAM W/ 2-#5 Ø BARS

TREATED WOOD PL. W/ ½" Ø ANCHOR BOLTS @ ENDS & 3'-0" O.C.

JT. REINFORCEMENT EVERY 2ND COURSE (TYPICAL FOR ALL WALLS)

EXIST'G. 6" I CHANNEL GIRT.

12'-0"

½" EXP. JT.

6" THK. REINF. CONC. SLAB FLOOR

6 MIL. POLYETHYLENE VAPOR BARRIER

COMPACT FILL

2'-0"

8"

C WALL SECTION BLDG. - 44
A-3 | A-5 STORAGE AREA
SCALE: 3/4" = 1'-0"

STEEL PURLIN

TOP OF STL. TRUSS END

COAT METAL FLASHING, SAME AS EXISTG. WORK

STEEL TRUSS

6" STL. I GIRT

STL. COL.

NEW CORRUGATED MTL. SIDING & INSULATION PANEL SAME AS ADJACENT EXISTG. WORK

34'-6"

7" THK. REINF. CONC. SLAB

COMPACT FILL

6 MIL. POLYETHYLENE

D A-2 | A-3 | A-5 TYPICAL SIDE SECTION BLDGS. 44 & 55
WALL SECTION - NOSE DOCK
SCALE: 3/4" = 1'-0"

NEW CORRUGATED MTL. SIDING AND INSULATION, SAME AS ADJACENT EXISTG. WORK

MTL. FLASHING OR SUPPORTING, SAME SYSTEM AS THE EXISTG. WORK FOR EACH BLDG.

STEEL PURLIN

STEEL TRUSS

EXISTG. CORRUGATED METAL SIDING REMOVED

NEW WALL INSULATION

6" STL. I GIRT

STL. COL.

DOTTED LINE INDICATES CONC. FILL FOR SLAB AT NOSE DOCK DOOR OPENING ONLY.

7" THK. REINF. CONC. SLAB

6 MIL. POLYETHYLENE VAPOR BARRIER

E A-2 | A-3 | A-5 TYPICAL FRONT BLDGS. 44 & 55
WALL SECTION - NOSE DOCK
SCALE: 3/4" = 1'-0"

APPROVED

NAME TITLE

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH	RWL	TEP	RWL
STRUCT			
MECH			
ELECT			
CIVIL			

APPR — PROGRAMS DEVELOPMENT
APPR — COMMUNICATIONS
APPR — CHIEF SYS. MGT
APPR — SECURITY POLICE
APPR — CHIEF ENGINEERING SECTION
APPR — FIRE CHIEF
APPR — CHIEF, ENGINEERING SECTION
APPR — FIRE & SAFETY APPROVAL
APPR — ENVIRON. PROTECTION ENGR
APPR — CHIEF CONST. MGMT SECTION
APPR — ENERGY CONSV. MGMT
APPR —
APPR —

SHEET 8 OF 31 SHEETS

USING AGENCY

NO. BY DATE REVISION CHK'D

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINTENANCE FACILITY
WALL SECTION AND DETAILS BLDGS. 44 AND 55
(ARCHITECTURAL)

SUBMITTED
CHIEF ENGR. & CONST. BRANCH

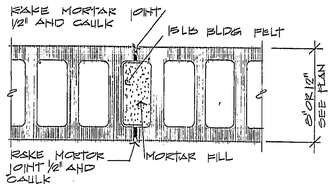
APPROVED
THE CIVIL ENGINEER

DATE 5 NOV 79 | PROJECT NR. WR-1137-9 | DRAWING NR. 15-2944

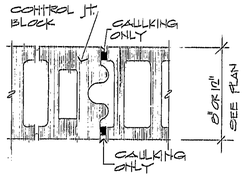
PLATE A-5

SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

3/4" = 1'-0"



- TYPICAL CONTROL JOINT -



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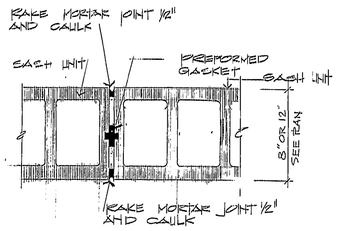
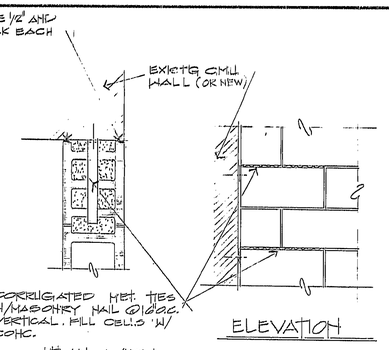


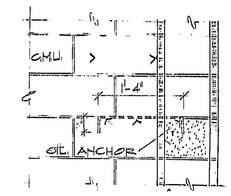
- OPTIONAL CONTROL JOINT -

- CONTROL JOINT DETAILS -

SCALE: 1 1/2" = 1'-0"



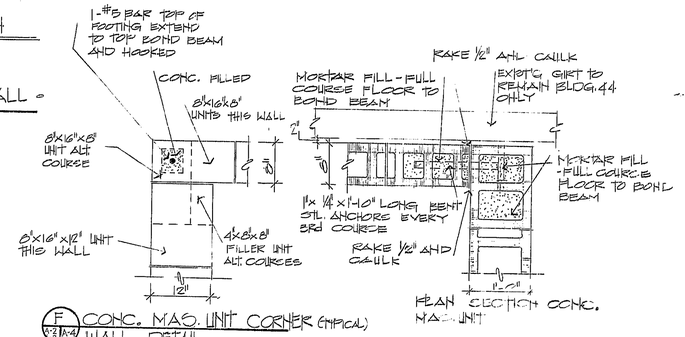
PLAN VIEW ELEVATION



- ELEVATION SECTION -

- WALL ANCHORAGE DET. TO EXIST'G WALL - (TYPICAL)

SCALE: 1"=1'-0"

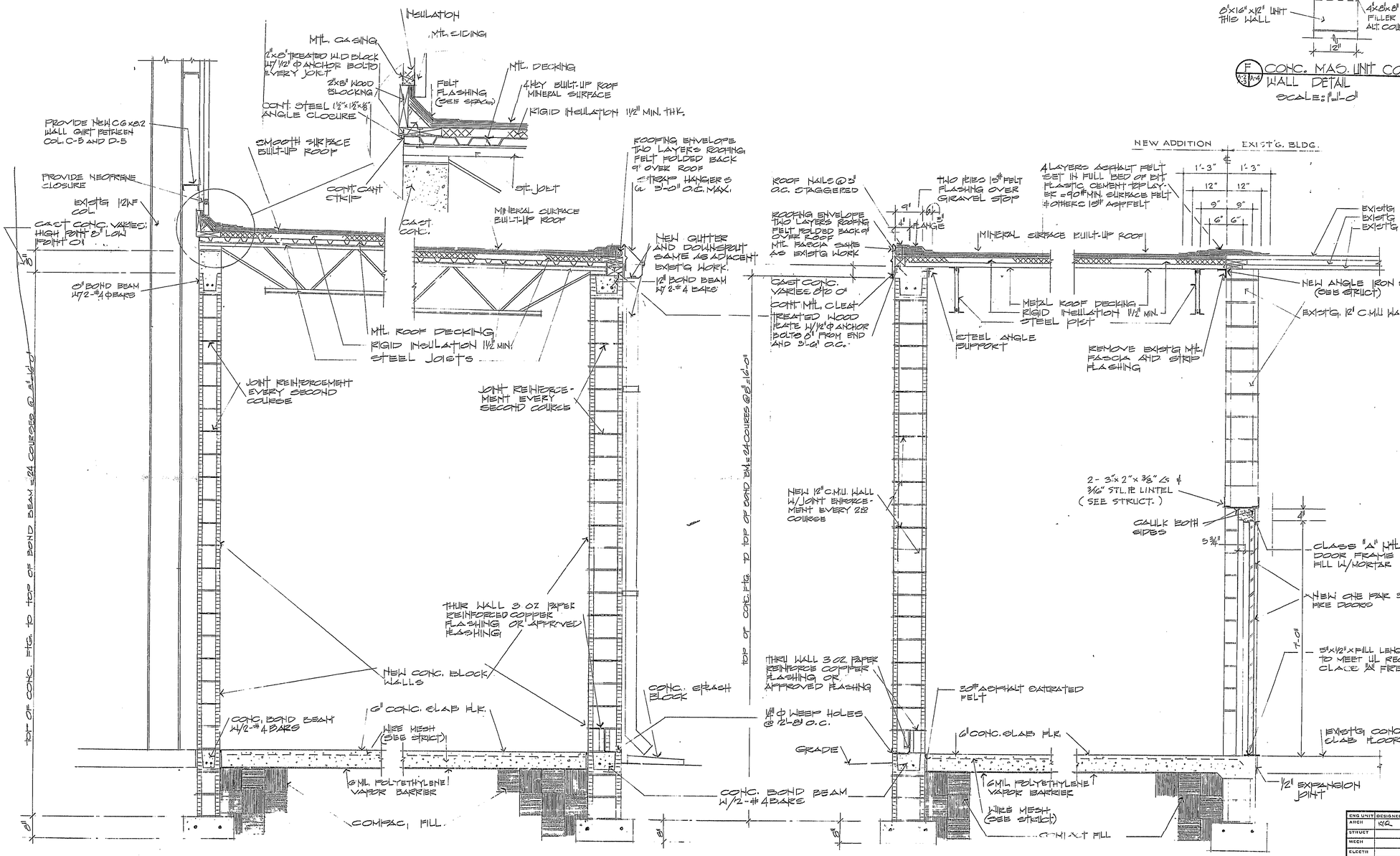


- CONC. MAS. UNIT CORNER (TYPICAL) WALL DETAIL

SCALE: 1"=1'-0"

- CORNER WALL DETAIL (TYPICAL)

SCALE: 1"=1'-0"



A A-2 A-4 SECTION

B A-2 A-4 SECTION

C A-2 A-4 SECTION

D A-2 A-4 SECTION

JAMB (TYPICAL)

CLASS "A" FIRE DOOR DET.

SCALE: 1"=1'-0"

- NEW STORAGE KM. WALL SECTIONS FOR BLDG. 55 -

SCALE: 3/4"=1'-0"

APPROVED

NAME TITLE

USING AGENCY

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH	KR	TEP	BQ
STRUCT			
MECH			
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. COMMISSION CONTROL ENGR
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR
APPR. CHIEF CONST MGMT SECTION

NR	BY	DATE	REVISION	CHKD.

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINTENANCE FACILITY
WALL SECTIONS AND DETAILS BLDG 44 AND 55
(ARCHITECTURAL)

SUBMITTED CHIEF, RNGS, & CONST. BR (ARCH)
APPROVED THE CIVIL ENGINEER

DATE	PROJECT NR.	DRAWING NR.
5 NOV 79	WR-123-9	15-78-84

SHEET 7 OF 31 SHEETS

PLATE A-4

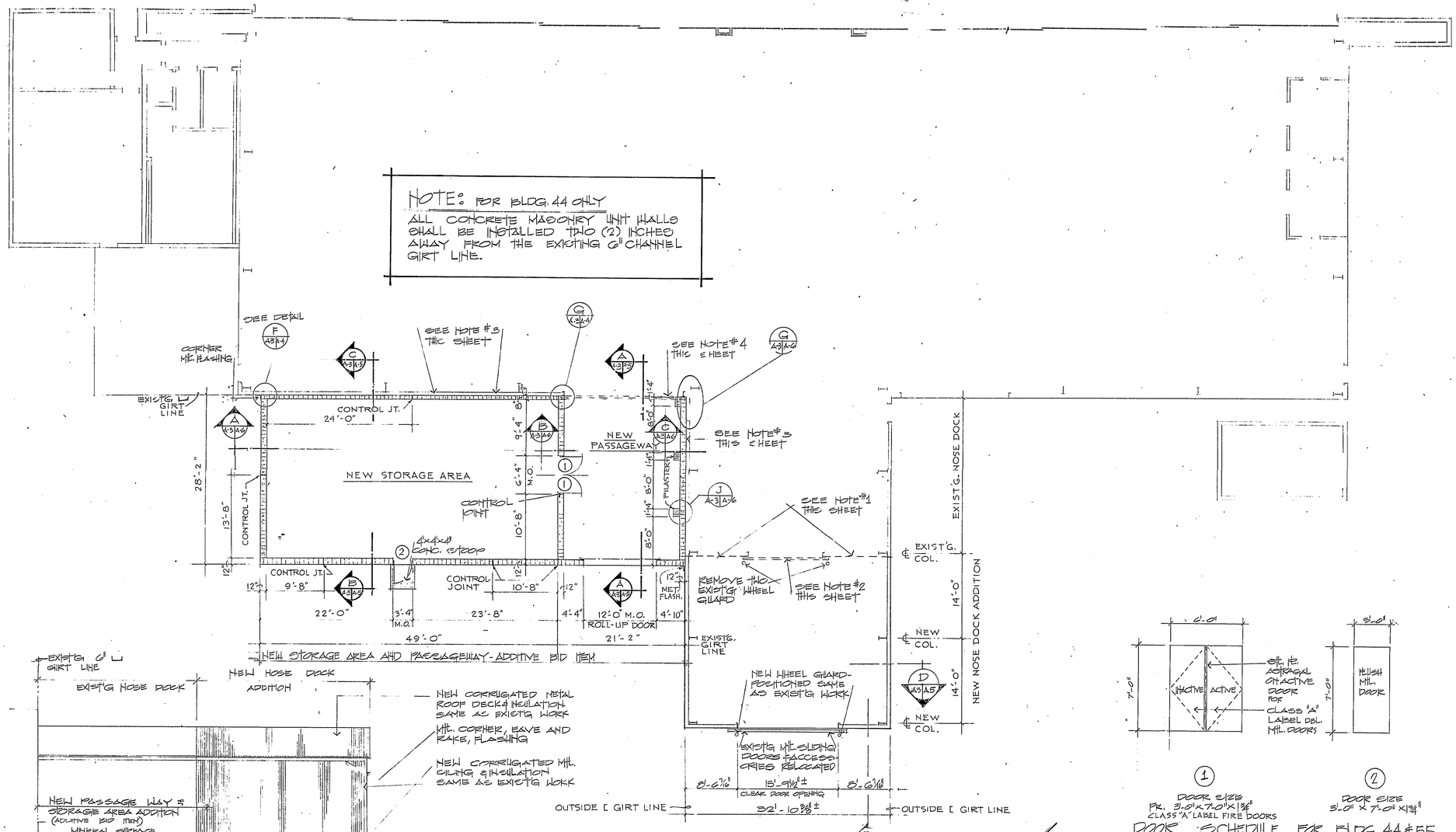
SEE SHEET 7 OF 31 FOR APPROVED SIGNATURES

NOTE: FOR BLDG. 44 ONLY

ALL CONCRETE MASONRY WALLS SHALL BE INSTALLED TWO (2) INCHES AWAY FROM THE EXISTING 6" CHANNEL GIRT LINE.

ARCHITECTURAL NOTES

1. DISMOUNT CORRUGATED METAL SIDING AND INSULATION FROM EXISTING STEEL STRUCTURAL FRAMING, FRONT WALL OF NOSE DOCK. MATERIAL, EXCEPT INSULATION, FROM DISMANTLING SHALL BE REUSED AS MUCH AS PRACTICABLE FOR THE NEW NOSE DOCK ADDITION. PROVIDE NEW ADDITIONAL CORRUGATED METAL SIDING (SAME MATERIAL AS EXISTING WORK) AS NECESSARY TO COMPLETE THE ADDITION. *
2. DISMOUNT EXISTING PAIR OF METAL SLIDING DOORS, DOOR TRACKS, GUIDES, HARDWARE, AND REMOUNT AT THE NEW NOSE DOCK ADDITION, FRONT WALL.
3. REMOVE ENOUGH EXISTING METAL WALL SIDING AND INSULATION TO CONSTRUCT CONCRETE MASONRY UNIT WALL. IF NECESSARY, REMOVE THE CORRUGATED SIDING AND INSULATION TOGETHER WITH THE NEW C.M.U. WALL LOCATION FOR A COMPLETE CLOSED WALL. REUSE DISMANTLED CORRUGATED METAL WALL SIDING OR PROVIDE NEW, SAME AS EXISTING. NEW INSULATION SHALL BE PROVIDED AND OLD INSULATION DISCARDED. REMOVE EXISTING WALL GIRTS TO THE POINT SHOWN AT BUILDING 55 ONLY. PROVIDE VERTICAL CHANNEL (C 6x8.2) TO SUPPORT FIRST HORIZONTAL GIRT ABOVE ROOF LINE OF ADDITION. ANCHOR TO FLOOR WITH ½" EXPANSION ANCHORS
* ADDENDUM TO NOTE #1: NEW INSULATION SHALL BE PROVIDED AND OLD INSULATION DISCARDED.
4. REMOVE PAIR OF SLIDING METAL HANGAR DOORS, DOOR TRACKS, AND ACCESSORIES FOR NEW CLEAR OPENING PASSAGEWAY. NO MATERIAL WILL BE REUSED OR SALVAGED.
5. FIELD MEASUREMENTS FOR ALL TYPES OF DOORS: THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING SITE AND SHALL BE RESPONSIBLE FOR DIMENSIONS, FITTING, AND PROPER ATTACHMENT OF MEMO DIRECTLY CONNECTED WITH THE DOOR INSTALLATION
6. WALL AND CEILING INSULATION USED IN CONNECTION WITH THE CORRUGATED SHEET METAL SIDING AND ROOFING SHALL BE APPROVED BY THE BASE FIRE DEPT (DEP) PRIOR TO DELIVERY OF THE JOB SITE. SUBMIT SAMPLES TO THE CONTRACTING OFFICER FOR APPROVAL.



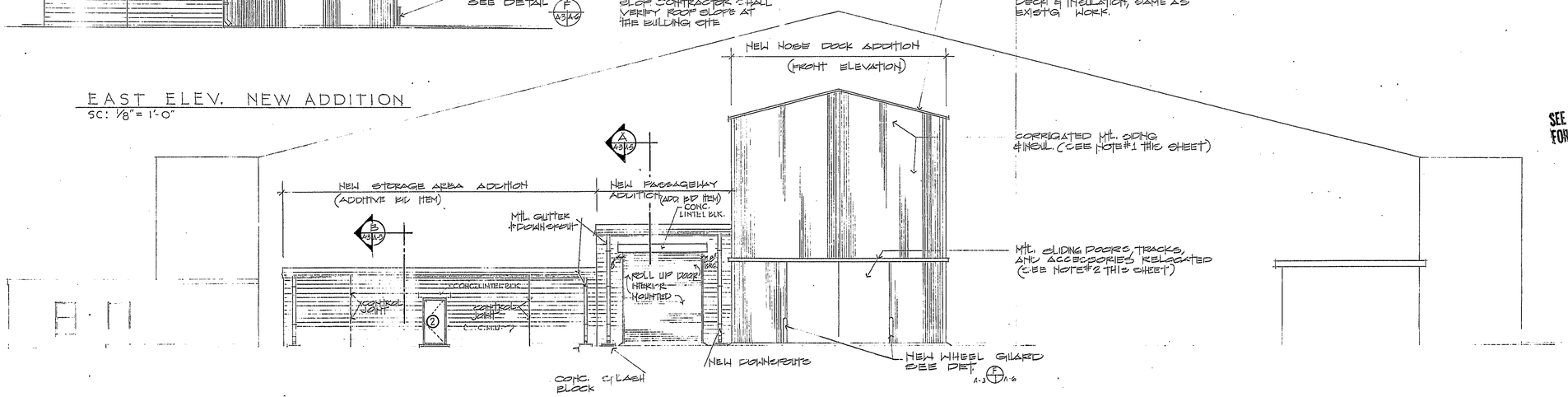
FLOOR PLAN — B/44
SC: 1/8" = 1'-0"

1 DOOR SIZE PR. 3'-0" x 7'-0" x 1¾" CLASS "A" LABEL FIRE DOORS

2 DOOR SIZE 3'-0" x 7'-0" x 1¾"

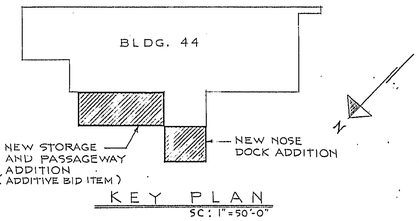
DOOR SCHEDULE FOR BLDG. 44 & 55
(EXTERIOR SIDE) SCALE: ¼" = 1'-0"

NOTE:
ROOF SLOPE OF EXISTING WORK ASSUMED TO BE 3/12. CONTRACTOR SHALL VERIFY ROOF SLOPE AT THE BUILDING SITE



EAST ELEV. NEW ADDITION
SC: 1/8" = 1'-0"

NORTH ELEVATION
SC: 1/8" = 1'-0"



KEY PLAN
SC: 1" = 50'-0"

SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

APPROVED
NAME TITLE

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH	KR	TED	KR
STRUCT			
M&H			
ELECT			
CIVIL			

USING AGENCY

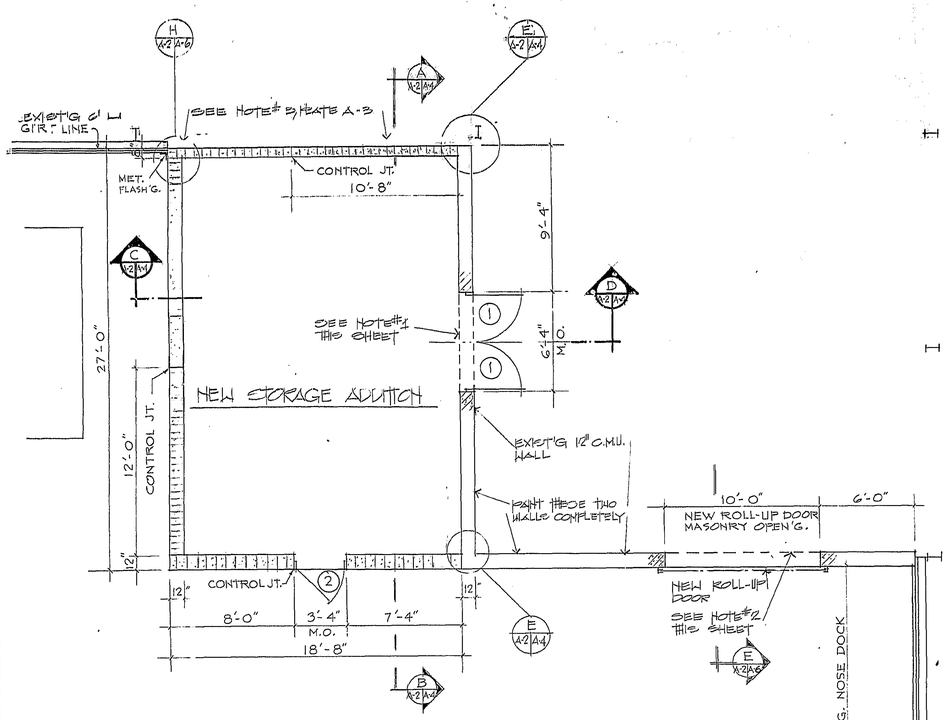
NO.	BY	DATE	REVISION	CHKD

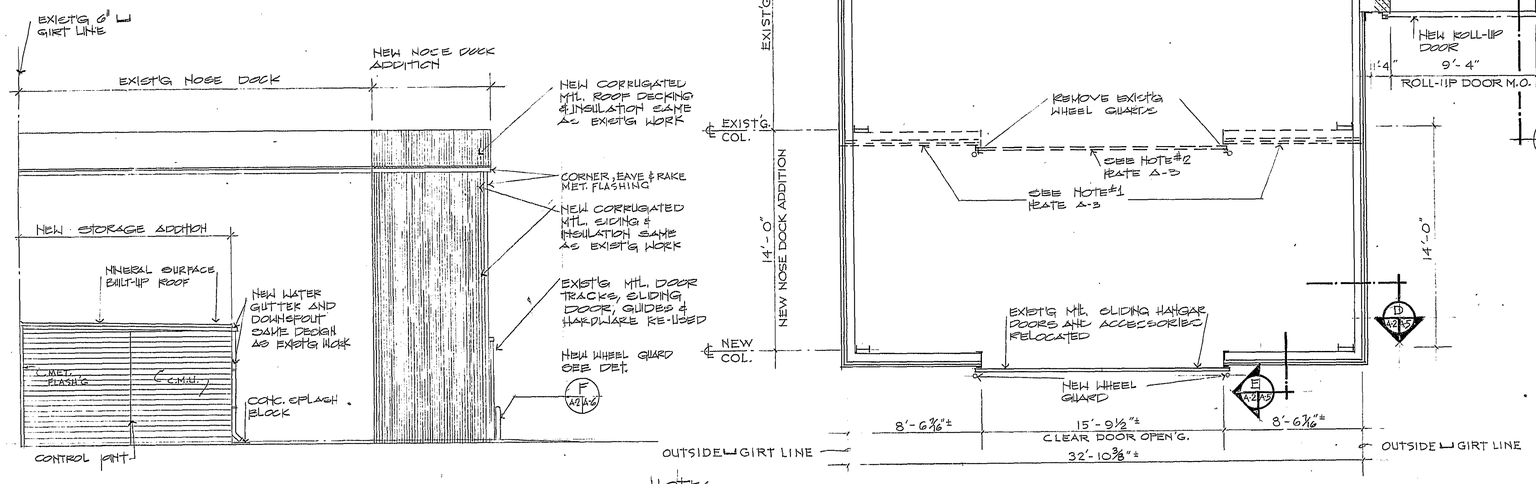
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINTENANCE FACILITY
NEW ADDITIONS BLDG 44
FOOR PLAN AND ELEVATIONS
(ARCHITECTURAL)

SUBMITTED
APPROVED — CHIEF ENGR & CONST. BRANCH
THE CIVIL ENGINEER

PLATE A-3
SHEET 6 OF 31 SHEETS
DATE 5 NOV 79
PROJECT NO WR-123-9
DRAWING NO 15-79-dd





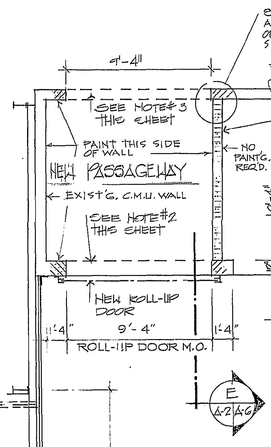
WEST ELEVATION

SC: 1/8" = 1'-0"

PARTIAL FLOOR PLAN — B/55

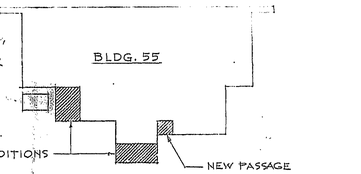
SC: 1/4" = 1'-0"

NOTE:
ROOF SLOPE OF EXISTING WORK ASSUMED TO BE 2:12 SLOPE, CONTRACTOR SHALL VERIFY ROOF SLOPE AT THE BUILDING SITE.



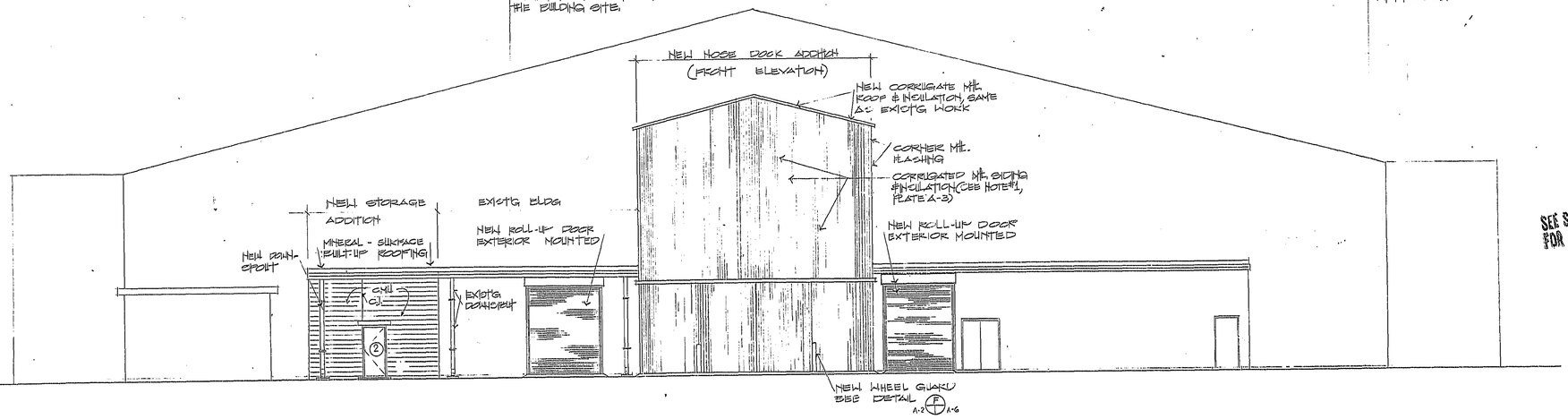
ARCHITECTURAL NOTES:

1. REMOVE ENOUGH EXISTING MORTAR FILLED CONCRETE MASONRY UNITS TO PROVIDE A NEW 9'-4" HIGH x 6" x 4" WIDE MASONRY DOOR OPENING FOR THE INSTALLATION OF CLASS 'A' LABEL DOOR FRAME, CLASS "A" LABEL DOORS, AND STEEL L6 x 4 LINTELS.
2. REMOVE ENOUGH EXISTING MORTAR FILLED CONCRETE MASONRY UNITS TO PROVIDE A 9'-4" WIDE AND A 10'-0" WIDE x 12'-0" HIGH MASONRY OPENINGS FOR THE INSTALLATION OF THE NEW ROLL-UP DOORS (EXTERIOR MOUNT) AND STL. L6 x 4 LINTELS.
3. REMOVE PORTION OF EXISTING 8" C.M.U. WALL 9'-4" WIDE BY CLEAR OPENING TO CEILING. CASED STEEL JAMB OPENINGS WITH STEEL PLATE AND ANGLES SAME AS NEW ROLL-UP DOOR JAMB.
4. CONSTRUCT NEW 8" C.M.U. WALL, WITH JOINT REINFORCEMENT EVERY SECOND COURSE, FULL HEIGHT FROM EXISTING FINISH FLOOR TO BOTTOM OF EXISTING METAL ROOF DECK.
5. FIELD MEASUREMENTS: FOR ALL TYPES OF DOORS: THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING SITE AND SHALL BE RESPONSIBLE FOR DIMENSIONS, FITTING, AND THE PROPER ATTACHMENT OF ITEMS DIRECTLY CONNECTED WITH THE DOOR INSTALLATION.
6. WALL AND CEILING INSULATION USED IN CONJUNCTION WITH CORRUGATED SHEET METAL SIDING AND ROOFING SHALL BE APPROVED BY THE BASE FIRE DEPT (DEF) PRIOR TO DELIVERING ON THE JOB SITE. SUBMIT SAMPLE TO THE CONTRACTING OFFICER FOR APPROVAL.



KEY PLAN

SC: 1" = 50'-0"



SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

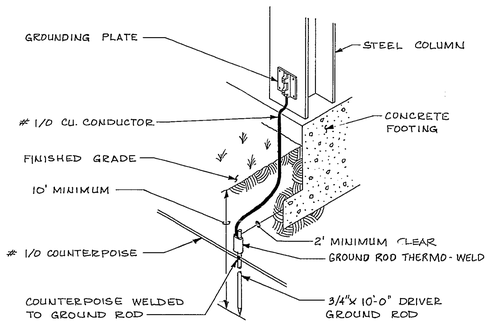
APPROVED
NAME TITLE
USING AGENCY

END. UNIT	DESIGNED	DRAWN	CHECKED
ARCH	[illegible]	[illegible]	[illegible]
STRUCT			
MECH			
ELEC			

NO	BY	DATE	REVISION	CHKD

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE, GEORGIA

ADAL A/C MAINTENANCE FACILITY
NEW ADDITIONS AND ALTERATIONS BLDG 55
FLOOR PLAN AND ELEVATIONS
(ARCHITECTURAL)

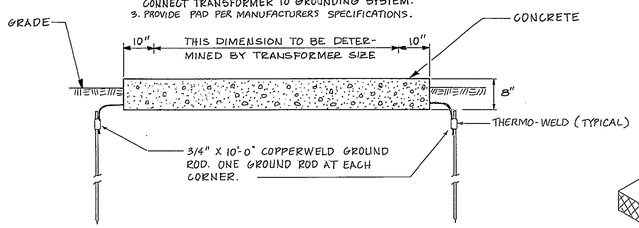


COLUMN BOND DETAIL
NO SCALE

27 | E-3 | E-22 | E-7 | E-11 | E-15 | E-19

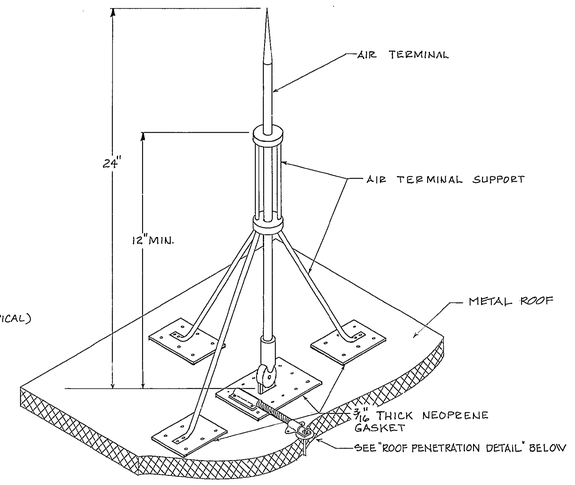
NOTES (UNIQUE FOR 500 KVA PAD MTD. TRANSF. - PAD DETAIL):

1. THESE DIMENSIONS ARE STANDARD FOR ALL SIDES.
2. CONNECT ALL GROUND RODS WITH 1/0 COUNTERPOISE AND TIE THIS SYSTEM INTO THE MAIN LIGHTNING PROTECTION SYSTEM. CONNECT TRANSFORMER TO GROUNDING SYSTEM.
3. PROVIDE PAD PER MANUFACTURERS SPECIFICATIONS.



500 KVA PAD MOUNTED TRANSFORMER - PAD DETAIL
NO SCALE

30 | E-1 | E-22 | E-5

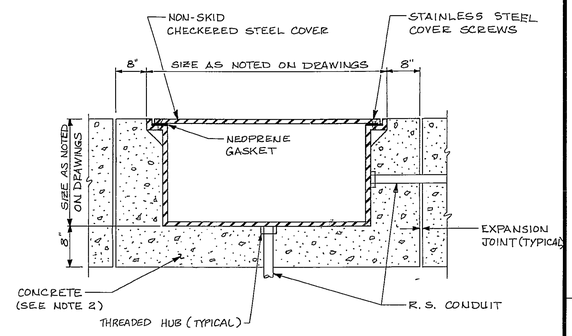


AIR TERMINAL SUPPORT DETAIL
NO SCALE

32 | E-3 | E-22 | E-7 | E-11 | E-15 | E-19

NOTES (UNIQUE FOR FLOOR JUNCTION BOX DETAIL):

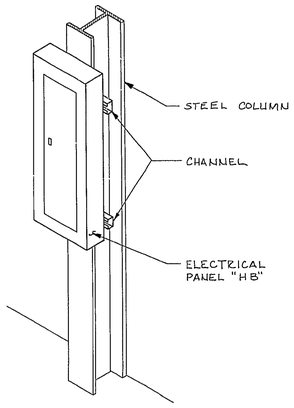
1. CONDUIT AND JUNCTION BOX SHALL BE COATED WITH A WEATHERPROOF SEALER BEFORE CASTING IN CONCRETE.
2. THE CONCRETE SHOWN SHALL BE CONSIDERED PART OF THE FLOOR SLAB, IF APPLICABLE.



FLOOR JUNCTION BOX DETAIL
NO SCALE

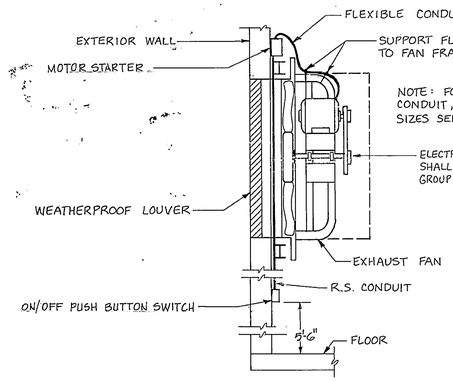
34 | E-2 | E-22 | E-6 | E-10 | E-14 | E-18

NOTE: ELECTRICAL PANEL SHALL BE BOLTED TO THE CHANNEL. THE CHANNEL SHALL BE WELDED TO THE COLUMN.



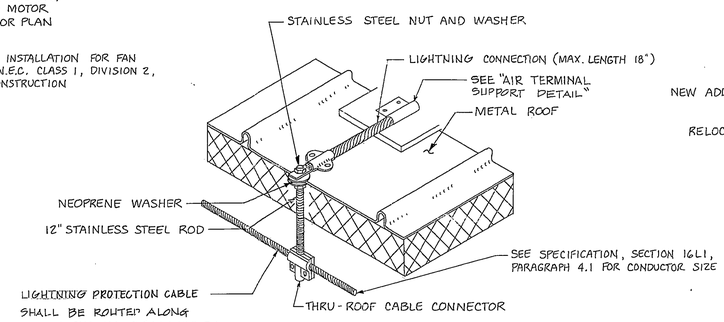
ELECTRICAL PANEL MOUNTING DETAIL
NO SCALE

28 | E-2 | E-22 | E-6 | E-10 | E-14 | E-18



EXHAUST FAN DETAIL
NO SCALE

31 | E-2 | E-22 | E-6 | E-10 | E-14 | E-18

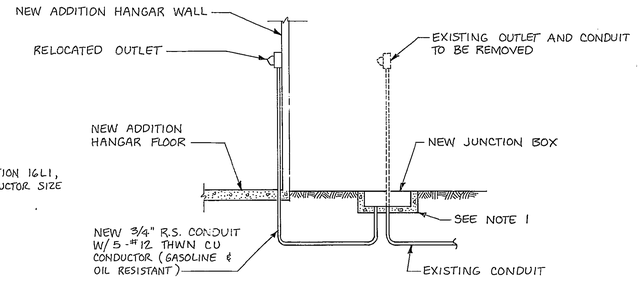


LIGHTNING PROTECTION ROOF PENETRATION DETAIL
NO SCALE

33 | E-3 | E-22 | E-7 | E-11 | E-15 | E-19

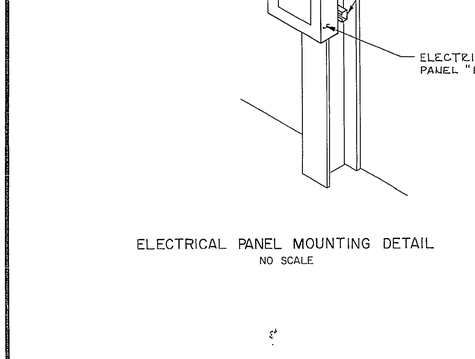
NOTES (UNIQUE FOR BUILDINGS 44 & 55 OUTLET RELOCATION DETAIL):

1. CUT EXISTING CONDUIT AND INSTALL IN NEW JUNCTION BOX. A SUFFICIENT AMOUNT OF THE EXISTING CONDUCTORS SHALL BE LEFT IN THE NEW JUNCTION BOX SO THE NEW AND EXISTING CONDUCTORS CAN BE TAPPED TOGETHER.



BUILDINGS 44 & 55 OUTLET RELOCATION DETAIL
NO SCALE

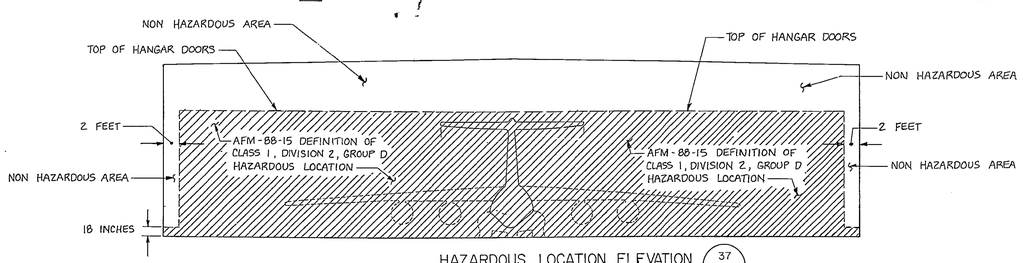
35 | E2 | E-22 | E-6



NOTES
1. ORIENTATION OF ANCHORS SHALL BE IN ONE DIRECTION. THIS DIRECTION SHALL BE DETERMINED BY EXISTING STATIC POINT GROUNDING RECEPTACLES.

GROUNDING RECEPTACLE & ROD DETAIL
NO SCALE

29 | E-3 | E-22 | E-7 | E-11 | E-15 | E-19

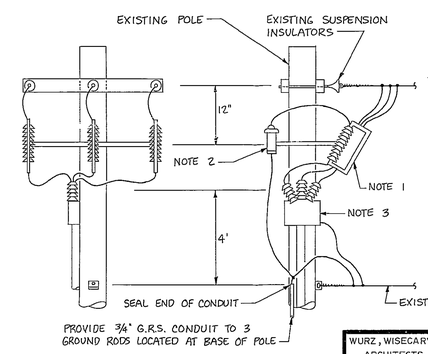


HAZARDOUS LOCATION ELEVATION
NO SCALE

37 | E-2 | E-22 | E-6 | E-10 | E-14 | E-18

NOTES (UNIQUE FOR HAZARDOUS LOCATION ELEVATION):

1. AFM-88-15 HAZARDOUS LOCATION BOUNDRIES FOR CLASS I, DIVISION 2, GROUP D ARE DEFINED AS THE FOLLOWING:
   a) 18 INCHES MINIMUM ABOVE THE FINISHED FLOOR
   b) 2 FEET MAXIMUM FROM HANGAR WALLS
   c) TOP OF THE HANGAR DOORS



NOTES (UNIQUE FOR POLE DETAIL FOR BUILDINGS 44 AND 55):

1. PROVIDE 100 AMP. 15 KV DROP LINK FUSED CUTOUTS AND MOUNTING HARDWARE. FUSE AT 32 AMPS.
2. PROVIDE 15 KV DISTRIBUTION SURGE ARRESTORS AND MOUNTING HARDWARE, PROVIDE #6 GROUND CONDUCTOR TO GROUND RODS.
3. PROVIDE 15 KV POTHEAD

POLE DETAIL FOR BLDG'S 44 & 55
NO SCALE

36 | P-2 | E22

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ, WISECARVER & PRUETT
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ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

ELECTRICAL DETAILS

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA21-85-B-0090	39-01-08	E-22

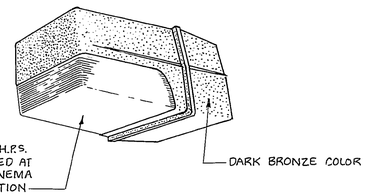
SCALE: AS SHOWN

SHEET 99

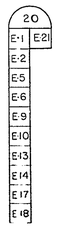
99

NOTES (UNIQUE FOR "DETAIL LIGHT FIXTURE TYPE "A" "):

1. LIGHT FIXTURE SHALL BE SECURELY MOUNTED TO THE HANGAR WALL AS PER MANUFACTURERS REQUIREMENTS.
2. ALL LIGHTS OF THIS TYPE SHALL HAVE A PHOTO SWITCH.
3. MOUNTING HEIGHTS FOR BUILDINGS 44, 55, 47, 48 AND 49 SHALL BE 10 FEET.
4. FIXTURE TYPE "A"* DENOTES 120 V. FIXTURE.

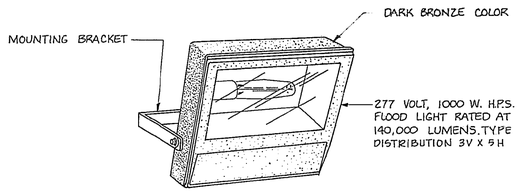


DETAIL LIGHT FIXTURE TYPE "A"
NO SCALE

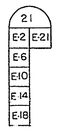


NOTES (UNIQUE FOR "DETAIL LIGHT FIXTURE TYPE "C" ")

1. LIGHT FIXTURE SHALL BE SECURELY MOUNTED TO THE HANGAR WALL AS PER MANUFACTURERS REQUIREMENTS.
2. ALL LIGHTS OF THIS TYPE SHALL BE CONTROLLED AS NOTED ON THE PLANS.
3. MOUNTING HEIGHTS FOR BUILDINGS 44, 55, 47, 48 AND 49 SHALL BE 50 FEET.

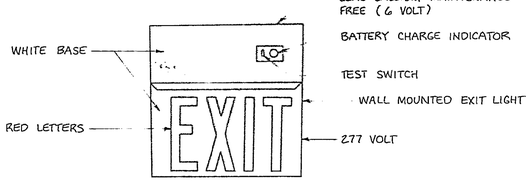


DETAIL LIGHT FIXTURE TYPE "C"
NO SCALE

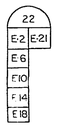


NOTES (UNIQUE FOR "EXIT LIGHT TYPE "X" ")

1. 1½ HOURS OF LIGHT TO AN END VOLTAGE OF 87½ % OF NORMAL
2. EXIT LIGHTS SHALL BE MOUNTED 1 FOOT ABOVE THE DOOR TOP.

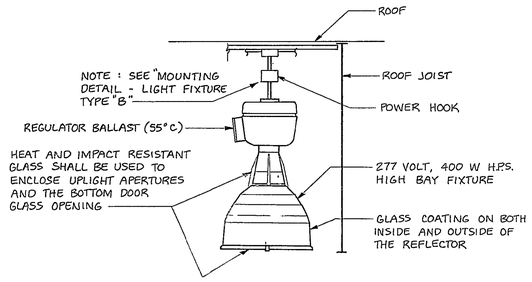


EXIT LIGHT TYPE "X"
NO SCALE

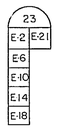


NOTES (UNIQUE FOR "DETAIL LIGHT FIXTURE TYPE "B" "):

1. TYPE "B"* FIXTURE DENOTES QUARTZ RESTRIKE OPTION.
2. THE FIXTURE BOTTOM SHALL BE MOUNTED AT THE SAME HEIGHT AS THE BOTTOM OF THE ROOF JOIST. THIS SHALL DETERMINE THE MOUNTING HEIGHT FOR THIS FIXTURE.

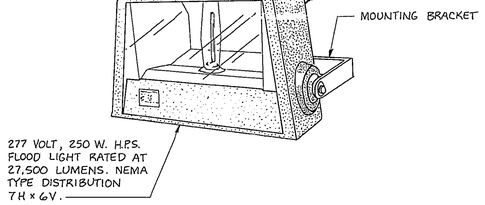


DETAIL LIGHT FIXTURE TYPE "B"
NO SCALE

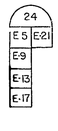


NOTES (UNIQUE FOR "DETAIL LIGHT FIXTURE TYPE "D" "):

1. LIGHT FIXTURE SHALL BE SECURELY MOUNTED TO THE HANGAR WALL AS PER MANUFACTURERS REQUIREMENTS.
2. ALL LIGHTS OF THIS TYPE SHALL HAVE A PHOTO SWITCH.
3. FIXTURE TYPE "D"* DENOTES 120 VOLT FIXTURE.
4. MOUNTING HEIGHTS FOR BUILDINGS 55, 47, 48 AND 49 SHALL BE 25 FEET.

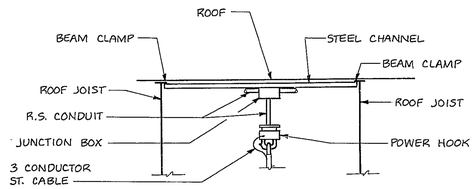


DETAIL LIGHT FIXTURE TYPE "D"
NO SCALE

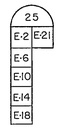


NOTES (UNIQUE FOR "MOUNTING DETAIL LIGHT FIXTURE TYPE "B" "):

1. STEEL CHANNEL SHALL BE INSTALLED BETWEEN BAR JOISTS. BEAM CLAMPS SHALL BE USED TO SUPPORT CHANNEL TO BAR JOIST.
2. THE JUNCTION BOX THAT SUPPORTS LIGHT FIXTURE TYPE "B" SHALL BE SECURLY SUPPORTED TO CHANNEL.

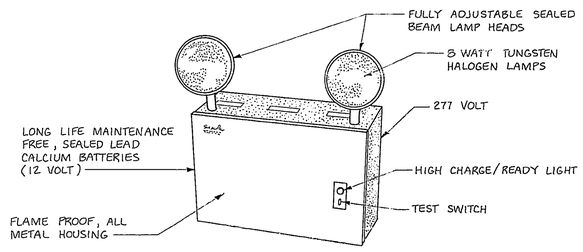


MOUNTING DETAIL LIGHT FIXTURE TYPE "B"
NO SCALE

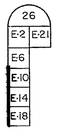


NOTES (UNIQUE FOR "EMERGENCY BATTERY PACK LIGHT FIXTURE DETAIL"):

1. 1½ HOURS OF LIGHT TO AN END VOLTAGE OF 87½ %. OF NORMAL
2. MOUNTING HEIGHT FOR THIS FIXTURE SHA... BE 12 FEET A.F.F.



EMERGENCY BATTERY PACK LIGHT FIXTURE DETAIL
NO SCALE



ELECTRICAL LEGEND

DEMOLITION	EXISTING	NEW	DESCRIPTION
		$\bigcirc_A$	CEILING LIGHTING OUTLET - SUBSCRIPT DESIGNATES NEW FIXTURE TYPE
	$\bigcirc$—	$\bigcirc_A$	WALL LIGHTING OUTLET - SUBSCRIPT DESIGNATES NEW FIXTURE TYPE
			EMERGENCY BATTERY PACK LIGHT FIXTURE
		(J)	JUNCTION BOX
		[J]	FLOOR JUNCTION BOX
		$\otimes_X$	WALL MOUNTED EXIT LIGHT OUTLET - SUBSCRIPT DESIGNATES FIXTURE TYPE
			SPECIAL RECEPTACLE
			POWER PANEL
			UNDERGROUND DUCT LINE
			BRANCH CIRCUIT - CONCEALED IN OR BELOW FLOOR
			BRANCH CIRCUIT - EXPOSED
		(M) 1½	MOTOR - SUBSCRIPT DESIGNATES HORSEPOWER
			DISCONNECT SWITCH
			FIRE ALARM BELL
		F 2	FIRE ALARM STATION, NUMBER RELATES RISER DIAGRAM TO PLAN
		F 1	FIRE ALARM HORN, NUMBER RELATES RISER DIAGRAM TO PLAN
		FA	FIRE ALARM CENTRAL STATION
			LIGHTNING PROTECTION CIRCUIT - BURIED
			LIGHTNING PROTECTION CIRCUIT - CONCEALED
	o	o	AIR TERMINAL - LIGHTNING PROTECTION
			GROUND ROD - LIGHTNING PROTECTION
			GROUNDING RECEPTACLE
		FS	SPRINKLER SYSTEM FLOW SWITCH

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

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ARCHITECTS ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

LIGHTING FIXTURE DETAILS

ROBINS AIR FORCE BASE GEORGIA

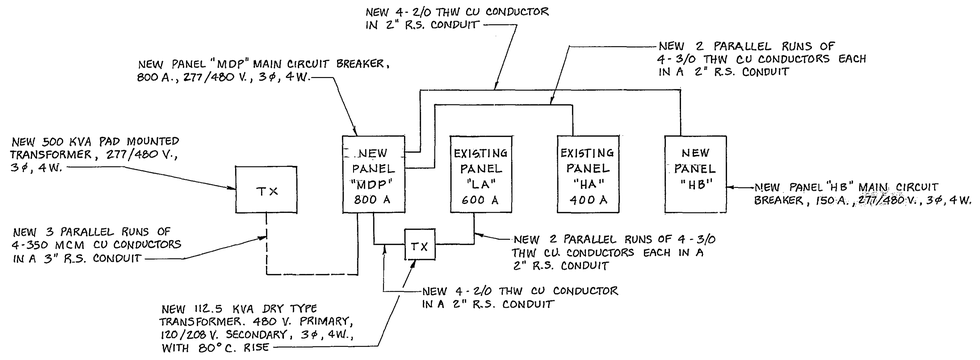
SIZE	INVITATION NO	DRAWING NO	PLATE
F	DACA 21 85 B 0090	39-01-08	E-21
SCALE	AS SHOWN	SHEET 98	

98

FORMAT 6

(BASIC SHEET) E-1 RED OVERLAY FOR BASIC FL E-21)

98

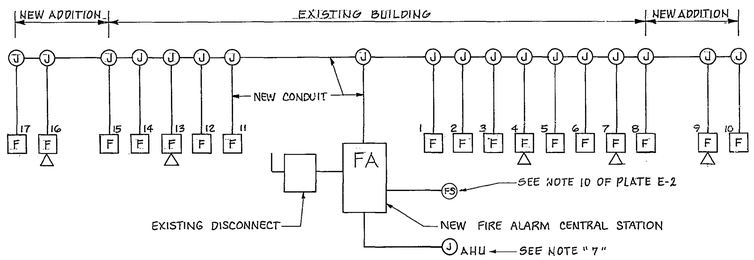


BUILDING 44 - ELECTRICAL RISER DIAGRAM
NO SCALE

1 | E-1 | E-4 | E-2

NOTES (UNIQUE FOR BLD. 44 - FIRE ALARM RISER DIAGRAM):

1. CONDUCTOR QUANTITY SHALL BE AS PER MANUFACTURERS REQUIREMENTS.
2. FIRE ALARM SYSTEM SHALL BE A IDC STYLE D, SLC STYLE 2 SYSTEM.
3. FIRE ALARM STATIONS, HORNS, AND THE CENTRAL STATION SHALL BE LOCATED AS SHOWN ON THE PLANS.
4. ALL NEW CONDUIT SHALL BE 3/4 INCH E.M.T. CONDUIT.
5. BUILDING 44 SHALL BE PROVIDED WITH A NEW FIRE ALARM SYSTEM. THIS INCLUDES NEW CONDUIT, CONDUCTORS, STATIONS, HORNS, CENTRAL STATION AND OTHER ITEMS NECESSARY FOR A COMPLETE WORKING SYSTEM.
6. EXISTING SYSTEM SHALL BE REMOVED BEFORE NEW SYSTEM IS INSTALLED.
7. PROVIDE ONE SET OF N.O. AND ONE SET OF N.C. CONTACTS IN FIRE ALARM CONTROL PANEL FOR EMERGENCY SHUT DOWN OF EXISTING OFFICE AREA AIR HANDLING UNIT (AHU).



BUILDING 44 - FIRE ALARM RISER DIAGRAM
NO SCALE

2 | E-1 | E-4 | E-2

NOTES (UNIQUE FOR "PANEL BOARD "MDP" SCHEDULE FOR BUILDING 44"):

1. PROVIDE SPACES FOR 2-200 A., 3 POLE CIRCUIT BREAKERS FOR FUTURE USE.

PANEL : "MDP" — TYPE : 3φ, 4W., SURFACE MOUNTED
VOLTAGE : 277/480 — MAINS: 800 A. MAIN BREAKER, 22,000 AIC

DEVICE AMPS TRIP	DEVICE POLES	DEVICE CLASS OR RATING	BRANCH CIRCUIT DESIGNATION	BRANCH CIRCUIT VOLT-AMPS	NO.	PHASE LOAD AMPS φA	φB	φC	NO.	BRANCH CIRCUIT VOLT-AMPS	BRANCH CIRCUIT DESIGNATION	DEVICE CLASS OR RATING	DEVICE POLES	DEVICE AMPS TRIP
400A	3	21a	EXISTING PANEL "HA"		1	400	400	400						
200A	3	20a	EXISTING PANEL "LA"		2	200	200	200						
150A	3	20a	NEW PANEL "HB"		3	150	150	150						
400A	3		SPACE											
			TOTAL :			750	750	750						

"CLASS OR BREAKER" REFERS TO BREAKER CLASS PER FEDERAL SPEC. W-C-375 OR AMPERE RATING OF SWITCH

PANEL BOARD "MDP" SCHEDULE FOR BUILDING 44
NO SCALE

3 | E-1 | E-4

NOTES (UNIQUE FOR "PANEL BOARD "HB" SCHEDULE FOR BUILDING 44")

1. ALL CIRCUIT BREAKERS CONTROLLING LIGHTS SHALL BE SWITCH RATED.
2. PROVIDE A 42 POLE CIRCUIT BREAKER PANELBOARD.
3. PROVIDE HAND LOCKING DEVICE ON EXIT, EMERGENCY LIGHT CIRCUIT BREAKER.

PANEL : "HB" — TYPE : 3φ, 4W., SURFACE MOUNTED
VOLTAGE : 277/480 — MAINS: 150 A. MAIN BREAKER, 10,000 AIC

DEVICE AMPS TRIP	DEVICE POLES	DEVICE CLASS OR RATING	BRANCH CIRCUIT DESIGNATION	BRANCH CIRCUIT VOLT-AMPS	NO.	PHASE-LOAD (VOLT-AMPS) φA	φB	φC	NO.	BRANCH CIRCUIT VOLT-AMPS	BRANCH CIRCUIT DESIGNATION	DEVICE CLASS OR RATING	DEVICE POLES	DEVICE AMPS TRIP
30	1	11a	HANGAR LIGHTS	4.5 K	1	9.0 K			2	4.5 K	HANGAR LIGHTS	11a	1	30
30	1	11a	HANGAR LIGHTS	4.5 K	3		4.7 K		4	200	EXIT, EMERGENCY LIGHT	11a	1	20
20	3	11b	SPARE	2.9 K	5	5.8 K	5.8 K	5.8 K	6	2.9 K	SPARE	11b	3	20
20	3	11b	EXHAUST FAN	9.1 K	7	18.2K	18.2K	18.2K	8	9.1 K	EXHAUST FAN	11b	3	20
20	3	11b	EXHAUST FAN	9.1 K	9	18.2K	18.2K	18.2K	10	9.1 K	EXHAUST FAN	11b	3	20
20	3	11b	CRANE	9.1 K	11	9.1 K	9.1 K	12.4K	12	3.3 K	EXTERIOR LIGHTS	11a	1	20
20	1	11a	EXTERIOR LIGHTS	100	13	.1 K								
73 A FLA x .90 DIVERSITY = 66 AMP			TOTAL:			60.4K	56 K	54.6K						

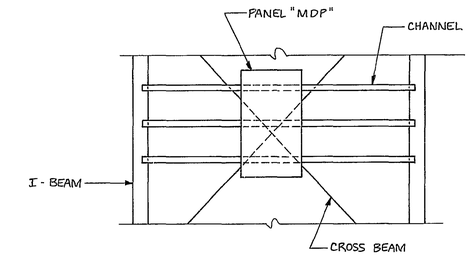
"CLASS OR BREAKER" REFERS TO BREAKER CLASS PER FEDERAL SPEC. W-C-375 OR AMPERE RATING OF SWITCH

PANEL BOARD "HB" SCHEDULE FOR BUILDING 44
NO SCALE

4 | E-2 | E-4

NOTES (UNIQUE FOR "BUILDING 44 - PANEL "MDP" MOUNTING DETAIL")

1. CHANNEL SHALL BE SECURLY MOUNTED TO THE FACE OF THE I-BEAM. ELECTRICAL PANEL SHALL BE MOUNTED SECURLY TO THE CHANNEL.



BUILDING 44 PANEL "MDP" MOUNTING DETAIL
NO SCALE

5 | E-1 | E-4

SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

WURZ, WISECARVER & PRUETT
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CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

BUILDING 44 ELECTRICAL DIAGRAMS

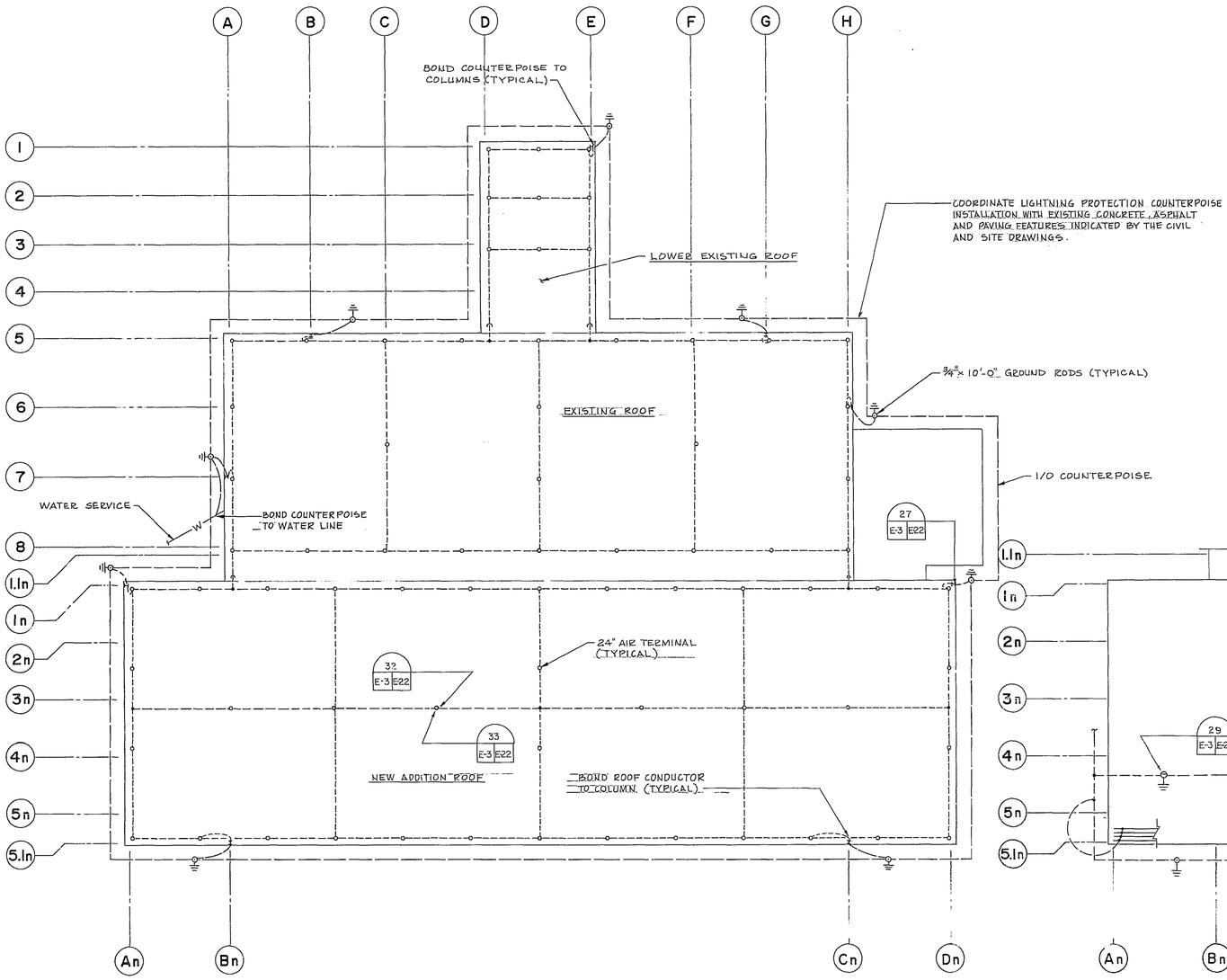
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA-21-85-B-0090	39-01-08	E-4

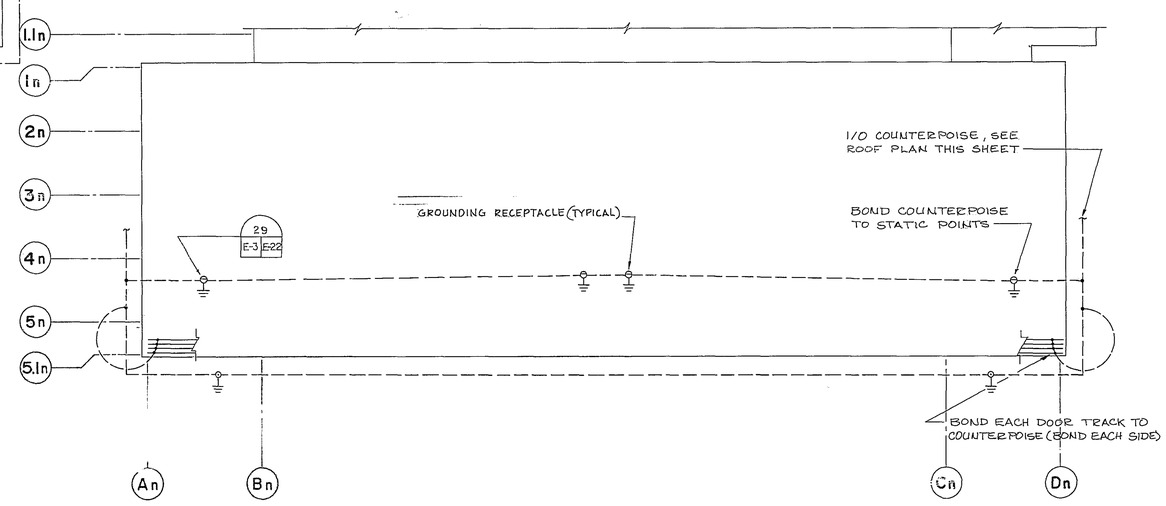
SCALE: AS SHOWN — SHEET 81

81

FORMAT 6



ROOF PLAN – LIGHTNING PROTECTION
SCALE: 1/16" = 1'-0"



FLOOR PLAN – LIGHTNING PROTECTION
SCALE: 1/16" = 1'-0"

SCALE 1/16"=1'-0"
24"0 10' 20' 30'

N

SYMBOL	ZONE	DESCRIPTION	DATE
		REVISIONS	

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ARCHITECTS · ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

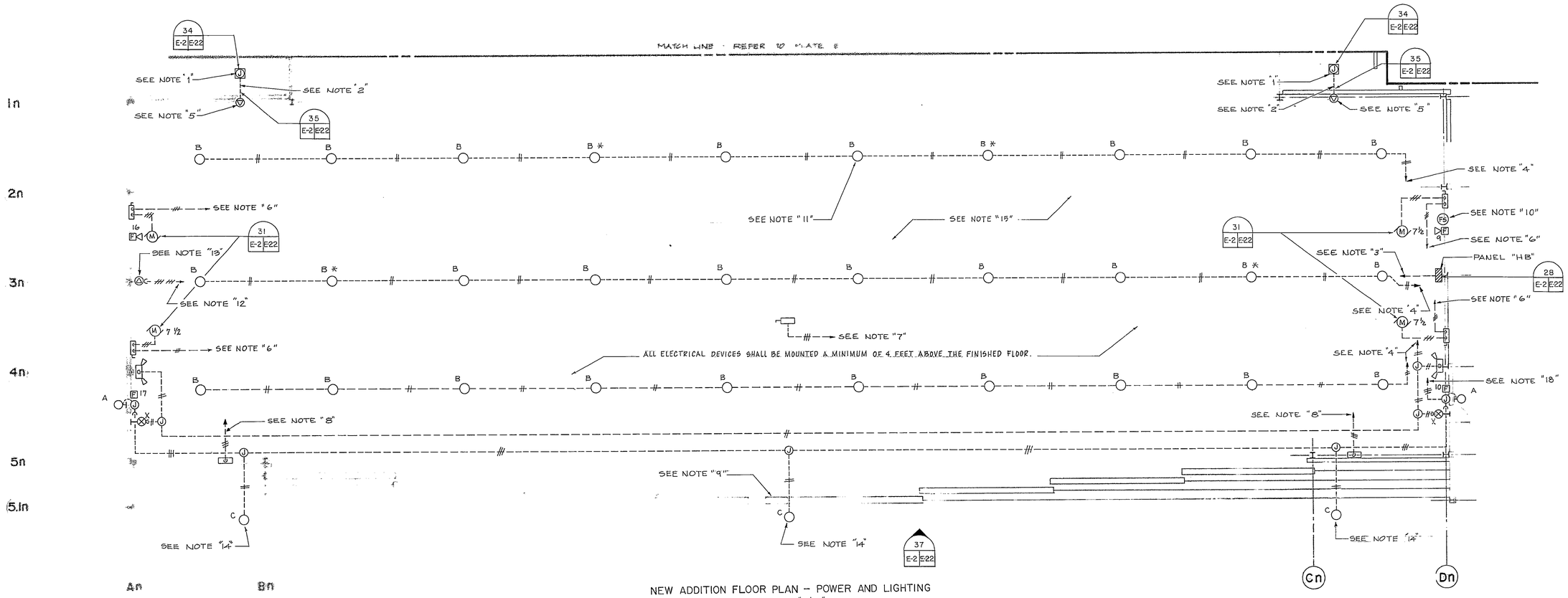
BUILDING 44 LIGHTNING PROTECTION

ROBINS AIR FORCE BASE GEORGIA

SIZE	NAVFAC NO	DRAWING NO	PLATE
F	DACA 21-85-B-0090	39-01-08	E-3
SCALE AS SHOWN		SHEET 80	

(BASIC SHEET) E-3 (RED OVERLAY FOR BASIC R. E-3)

80



NEW ADDITION FLOOR PLAN – POWER AND LIGHTING

SCALE: 1/8"= 1'-0"

NOTES (THIS SHEET ONLY):

1. PROVIDE HEAVY DUTY 6"×6"×4" FLOOR JUNCTION BOX. ALL EXISTING CONDUCTORS AND CONDUITS MOUNTED ON EXISTING TO BE REMOVED WALL SHALL BE TERMINATED IN FLOOR JUNCTION BOX.
2. PROVIDE 5-#12 THW CU CONDUCTORS IN 3/4" R.S. CONDUIT INSTALLED IN CONCRETE SLAB. CLASS 1, DIVISION 1, GROUP D CONSTRUCTION.
3. PROVIDE 4-# 2/0 THW CU CONDUCTORS IN 2" R.S. CONDUIT TO PANEL "MDP".
4. PROVIDE 2-# 10 THW CU CONDUCTORS IN 1/2" R.S. CONDUIT AND CONNECT TO PANEL "HB".
5. RELOCATED OUTLET SHALL BE WALL MOUNTED 4 FEET ABOVE FINISHED FLOOR.
6. PROVIDE 3-#10 THW CU CONDUCTORS IN 1/2" R.S. CONDUIT AND CONNECT TO PANEL "HB". THIS CIRCUIT SHALL SERVE THE 7 1/2 H.P. EXHAUST FAN.
7. PROVIDE 3-#10 THW CU CONDUCTORS IN 1/2" R.S. CONDUIT AND CONNECT TO PANEL "HB". THIS CIRCUIT SHALL SERVE THE 7 1/2 H.P. BRIDGE CRANE MOTOR. DISCONNECT SHALL BE MOUNTED ON THE ROOF JOIST. COORDINATE ELECTRICAL CONNECTIONS WITH MANUFACTURER'S REQUIREMENTS.
8. PROVIDE 3-#10 THW. CU. CONDUCTORS IN 1/2" R.S CONDUIT AND CONNECT TO NEW DISCONNECT LOCATED ADJACENT TO PANEL "MDP." THIS CIRCUIT SHALL SERVE THE 2 H.P. ELECTRIC DOOR MOTORS. COORDINATE ELECTRICAL CONNECTIONS WITH MANUFACTURER'S REQUIREMENTS.
9. HANGAR DOOR CONTROL SWITCHES SHALL BE PROVIDED ON CENTER-MOST HANGAR DOORS TO ENSURE CLEAR PATH OF VISION WHEN OPERATING DOORS
10. PROVIDE NECESSARY CONNECTIONS FROM THE SPRINKLER SYSTEM FLOW SWITCH TO THE FIRE ALARM CENTRAL STATION. CONTROLS SHALL BE AS FOLLOWS: WHEN THE FLOW SWITCH SENSES WATER MOVEMENT IN THE SPRINKLER WATER LINES, THE FIRE ALARM SYSTEM SHALL BE ACTIVATED AND ALARM WILL SOUND. THE SPRINKLER SYSTEM FLOW SWITCH IS LOCATED IN THE SPRINKLER WATER LINE, APPROXIMATELY 5 FEET ABOVE THE FINISHED FLOOR, AT THE LOCATION SHOWN HERE.
11. CONTRACTOR SHALL COORDINATE ALL LIGHT FIXTURES TYPE "B" WITH STRUCTURAL STEEL.
12. PROVIDE 4-# 1/0 AND 1-#6 CU. RHW CONDUCTOR IN 2 1/2" R.S. CONDUIT AND CONNECT TO EXISTING CIRCUIT BREAKER LOCATED IN EXISTING MAIN LOW VOLTAGE PANEL. THIS EXISTING CIRCUIT BREAKER PREVIOUSLY SERVED THE TO BE REMOVED 100 Amp SLAB MOUNTED RECEPTACLE LOCATED IN THE EXISTING APRON SLAB
13. PROVIDE A WALL MOUNTED, 100 AMPERE, 208 VOLT, 3 PHASE, 5 WIRE, 60 CYCLE RECEPTACLE MOUNTED 4 FEET ABOVE THE FINISHED FLOOR. RECEPTACLE CONFIGURATION SHALL MATCH EXISTING 100 AMPS SLAB MOUNTED RECEPTACLE TO BE REMOVED.
14. PROVIDE A CENTRAL PHOTO SWITCH AND A 277 VOLT CONTACTOR EQUIPPED WITH A LOCKABLE MANUAL CONTROL DEVICE TO CONTROL ALL THREE 1000 W APRON LIGHTS. LOCATE CONTACTOR ADJACENT TO PANEL "HB"
15. PROVIDE INTERIOR ELECTRICAL INSTALLATION IN NEW ADDITION IN ACCORDANCE WITH N.E.C. CHAPTER 5, ARTICLE 513 FOR AIRCRAFT HANGAR (CLASS 1, DIVISION 2, GROUP D)
16. SEE LIGHTING FIXTURE DETAIL SHEET, PLATE E-21 FOR LIGHT FIXTURE DETAILS.
17. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT ACCORDING TO CHAPTER 5, ARTICLE 513 - "AIRCRAFT HANGARS".
18. PROVIDE 3-#10 THW. CU. CONDUCTORS IN 1/2" R.S. CONDUIT AND CONNECT TO PANEL "HB"

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

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U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

BUILDING 44 POWER AND LIGHTING

ROBINS AIR FORCE BASE GEORGIA

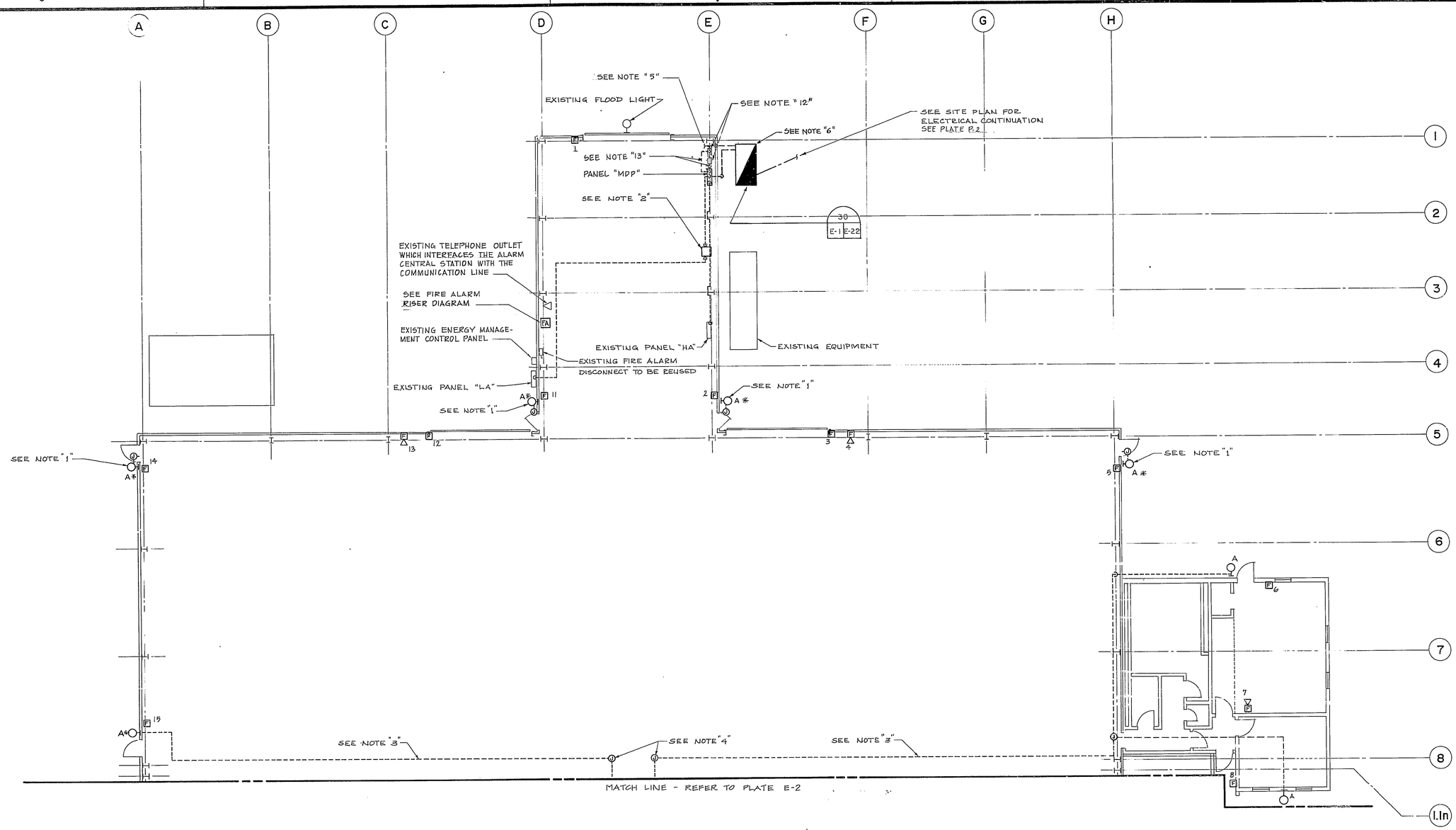
SIZE	INVITATION NO	DRAWING NO	PLATE
F	DACA 21-85-B-0090	39-01-08	E-2
SCALE	AS SHOWN		SHEET 79

79

(BASIC SHEET) E-2 (RED OVERLAY FOR BASIC R. E-2)

FORMAT 6

79



EXISTING BUILDING FLOOR PLAN - POWER AND LIGHTING

SCALE: 1/8" = 1'-0"

NOTES (THIS SHEET ONLY) :

1. PROVIDE A JUNCTION BOX AT THE EXISTING FIXTURE LOCATION. PROVIDE A ½" R.S. CONDUIT WITH 2 - #12 THW CU CONDUCTORS FROM THE NEW JUNCTION BOX TO THE NEW FIXTURE LOCATION SHOWN ON THE PLANS. REUSE EXISTING CIRCUIT.
2. NEW 112.5 KVA DRY TYPE TRANSFORMER, 480 V PRIMARY/120/208 SECONDARY, 3φ, 4W WITH 115°C RISE.
3. 2 - #12 THW CU CONDUCTORS IN ½" CONDUIT SHALL BE CONNECTED TO EXISTING CIRCUIT TERMINATED IN JUNCTION BOX WHICH PREVIOUSLY SERVED THE DOOR LIGHT.
4. TERMINATE OLD EXISTING CONDUCTORS WHICH PREVIOUSLY SERVED THE APRON LIGHTS IN THE JUNCTION BOX.
5. PROVIDE A 1" R.S. CONDUIT FROM THE SECONDARY PORTION OF THE TRANSFORMER TO THE EXISTING ENERGY MANAGEMENT CONTROL PANEL. COORDINATE WITH BASE ENGINEERS.
6. 500 KVA PAD MOUNTED, LIQUID FILLED, 480Y/277V/3φ/4W SECONDARY, 12.47 DELTA PRIMARY TRANSFORMER. TRANSFORMER SHALL BE PROVIDED WITH PRIMARY LIGHTNING ARRESTORS, TAP CHANGERS, CABLE TERMINATORS, SECONDARY PT'S AND CT'S AS REQUIRED BY WATT/HOUR METER. CONTRACTOR SHALL PROVIDE 15 MINUTE DEMAND AND PULSE INITIATING WATT/HOUR METER MOUNTED ON TRANSFORMER ENCLOSURE.
7. ADDITIONAL ELECTRICAL DEMOLITION AND RELOCATION WORK IS SHOWN ON PLATE P.1 THRU P.3.
8. REFER TO PLATE E-21 FOR ELECTRICAL LEGEND
9. CONNECT EXISTING CIRCUITS IN EXISTING FIRE ALARM DISCONNECT TO NEW FIRE ALARM PANEL. SEE SPECIFICATIONS, SECTION 16 F1 FOR FIRE ALARM SYSTEM POWER REQUIREMENTS.
10. SEE LIGHTING FIXTURE DETAIL SHEET, PLATE E-21 FOR LIGHT FIXTURE DETAILS.
11. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT ACCORDING TO CHAPTER 5, ARTICLE 513 - "AIRCRAFT HANGARS".
12. PROVIDE A 30 AMP, 3 POLE, NEMA 1 FUSIBLE DISCONNECT SWITCH TO SERVE HANGAR DOORS. FUSE AT 30 AMPS, 22,000 A.I.C.
13. PROVIDE 3 - #10 THW. CU. CONDUCTORS IN ½" R.S. CONDUIT AND CONNECT AHEAD OF THE MAIN BREAKER IN PANEL "MDP." PROVIDE APPROPRIATE TERMINATIONS TO PANEL "MDP" MAIN LUGS.

SCALE: 1/8"= 1'-0"
12" 0 5' 10' 15'

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

DESIGN	CHECK
KLB	DWD

PREPARED BY: PRINCIPAL OF FIRM
REVIEWED: PROJECT MANAGER
RECOMMENDED: CHIEF, ENG. PROJ. AND MGT. BRANCH
DATE 01 SEPT 83

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BUILDING 44 POWER AND LIGHTING

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO	DRAWING NO	PLATE
F	DACA 21-85 B 0090	39-01-08	E-1
SCALE AS SHOWN		SHEET 78	

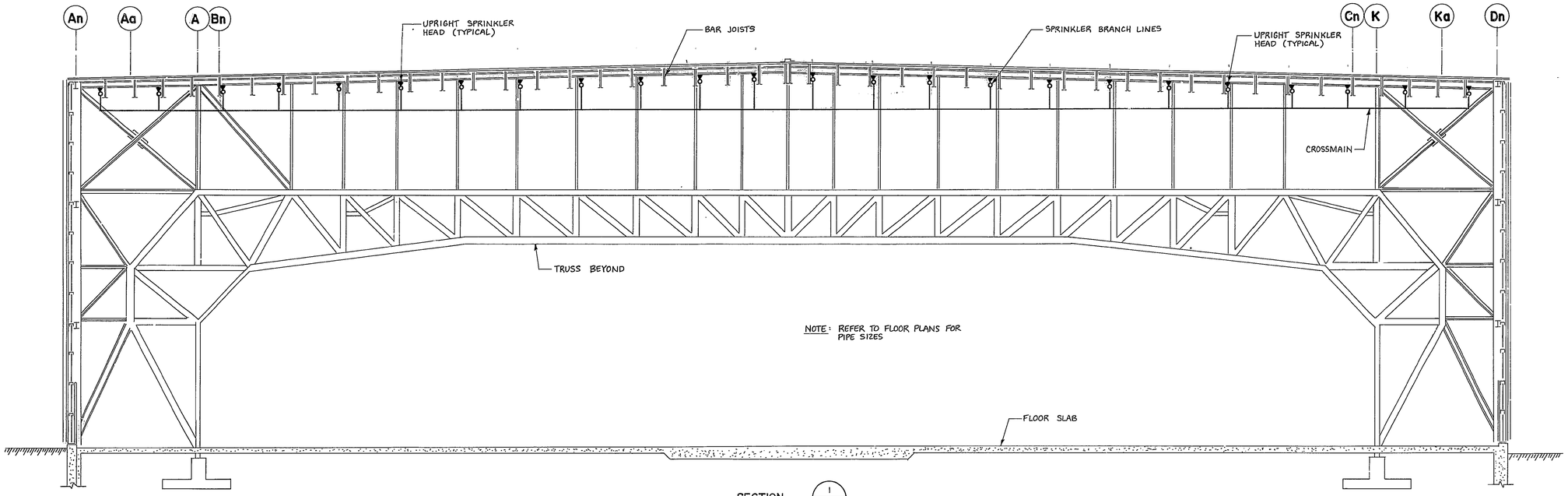
78

FORMAT 6

(BASIC SHEET) E-1 (RED OVERLAY FOR BASIC PL E-1)

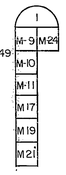
78

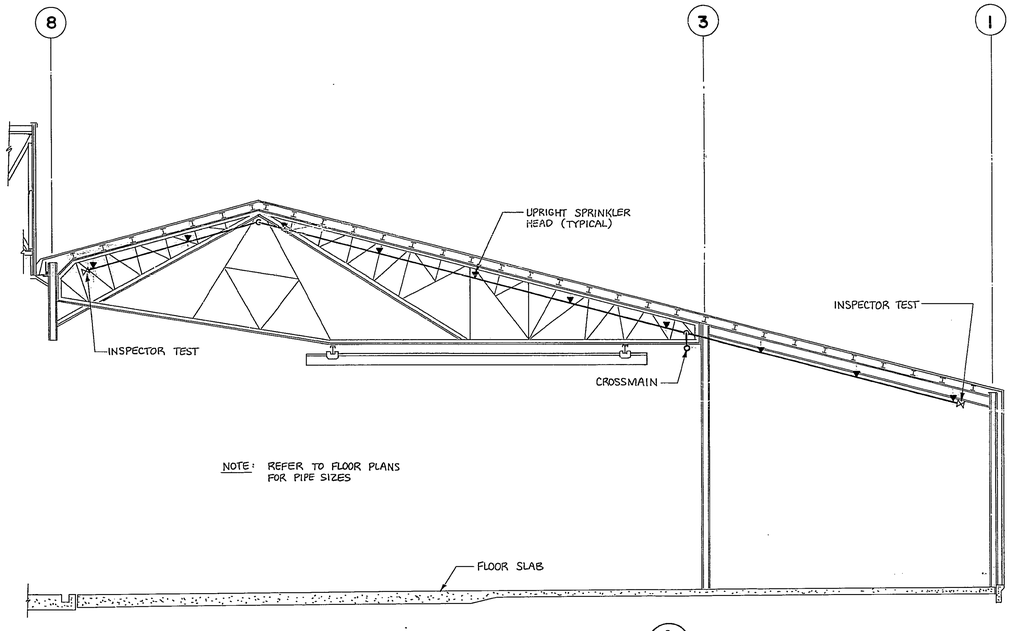
AF 24369C



NOTE: REFER TO FLOOR PLANS FOR PIPE SIZES

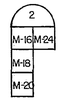
SECTION
SCALE: 1/8"=1'-0"
BLDG'S. 47, 48, & 49

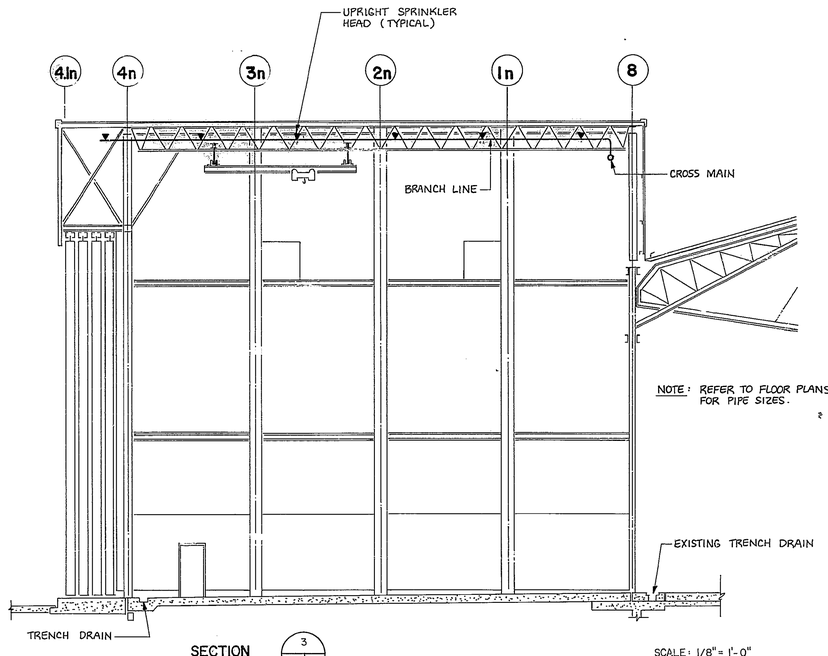




NOTE: REFER TO FLOOR PLANS FOR PIPE SIZES

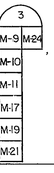
SECTION
SCALE: 1/8"= 1'-0"
BLDG'S. 47, 48, & 49





NOTE: REFER TO FLOOR PLANS FOR PIPE SIZES.

SECTION
SCALE: 1/8"= 1'-0"
BLDG'S 47, 48, & 49



SCALE: 1/8"= 1'-0"
12" 0 5' 10' 15'

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

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SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

FIRE PROTECTION - DETAILS

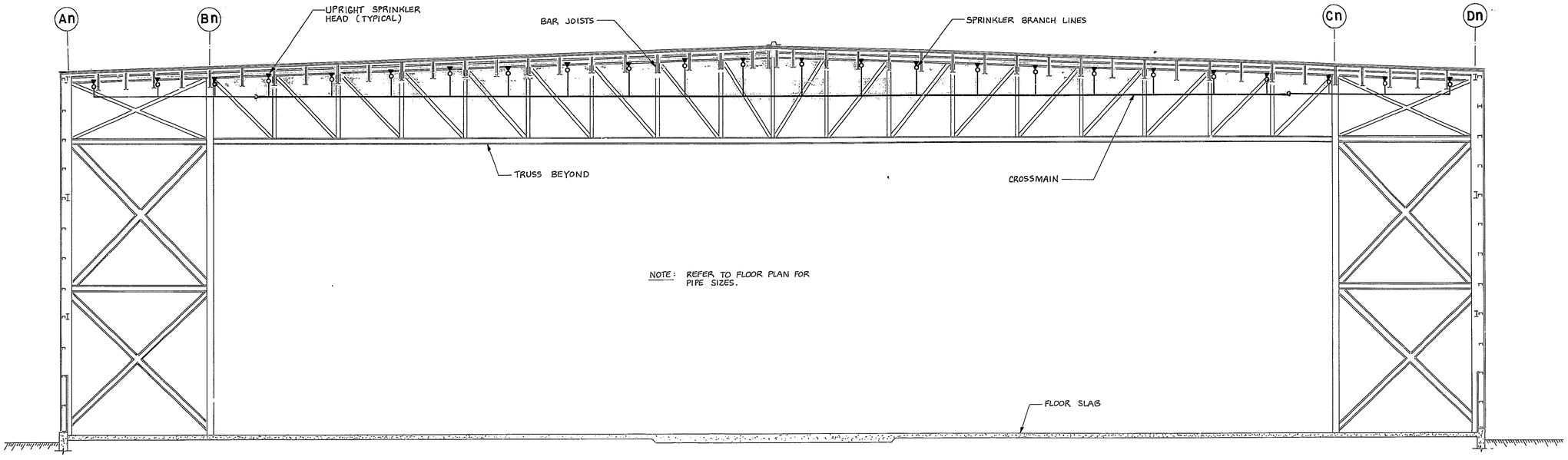
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA21-85-B-0090	39-01-08	M-24
SCALE: AS SHOWN		SHEET 77	

77

FORMAT 6

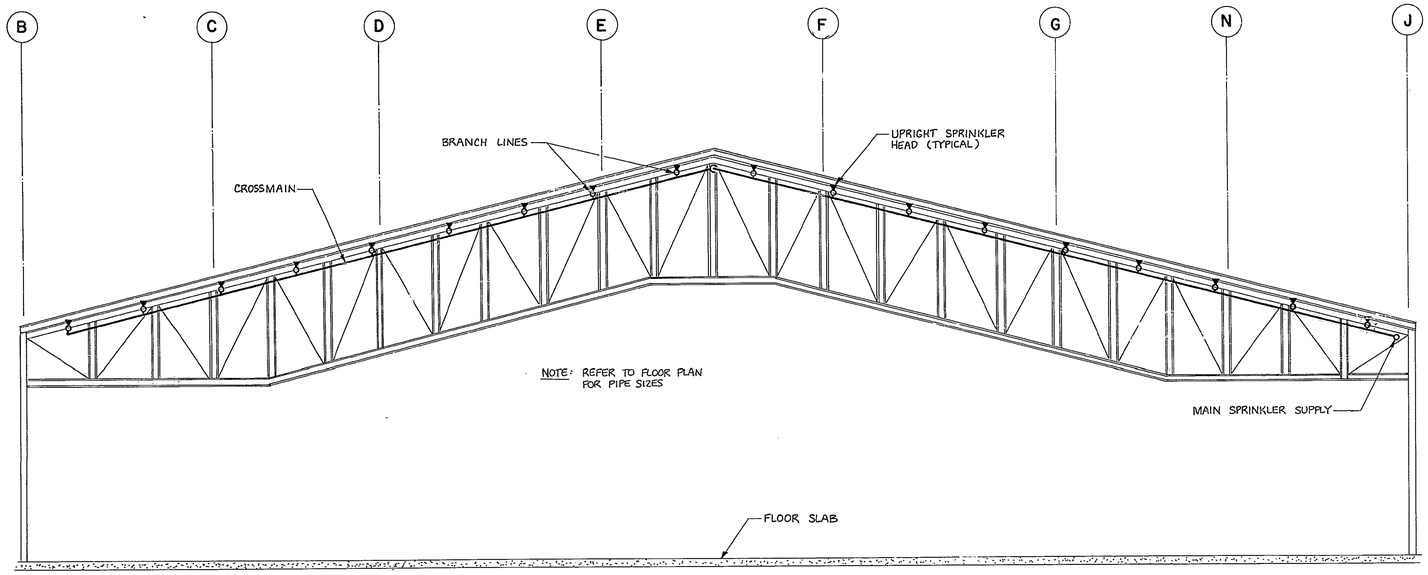
AF 24369C



NOTE: REFER TO FLOOR PLAN FOR PIPE SIZES.

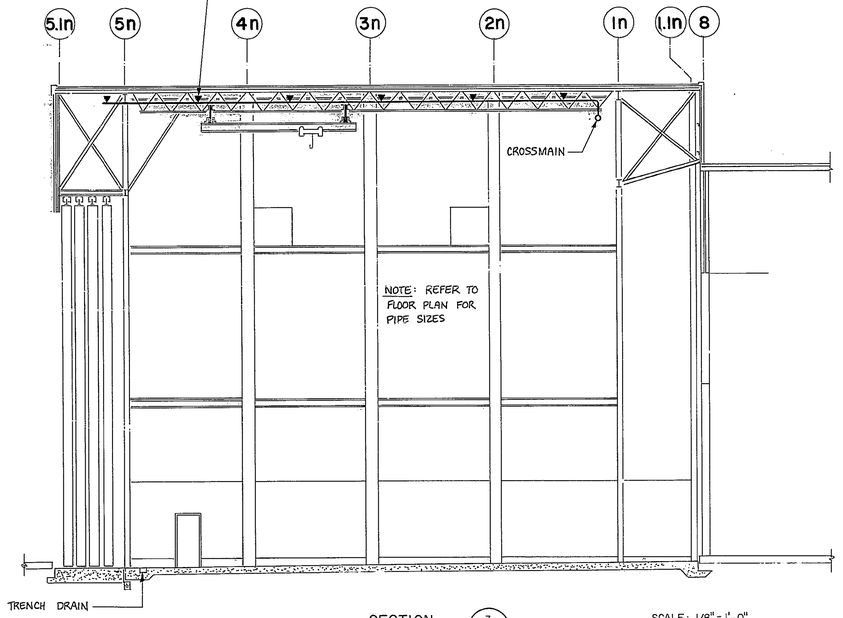
SECTION
SCALE: 1/8" = 1'-0"
BLDG'S. 44 & 55

1 | M-7 | M23 | M-8 | M-13 | M-15



SECTION
SCALE: 1/8" = 1'-0"
BLDG'S. 44 & 55

2 | M-12 | M23 | M-14



SECTION
SCALE: 1/8" = 1'-0"
BLDG'S. 44 & 55

3 | M-7 | M23 | M-8 | M-13 | M-15

SCALE: 1/8" = 1'-0"
12" 0 5' 10' 15'

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

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FIRE PROTECTION-DETAILS

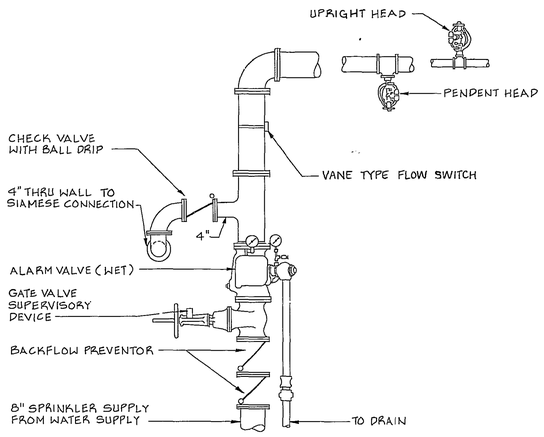
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA21-85-B-0090	39-01-08	M-23

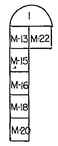
SCALE: AS SHOWN SHEET 76

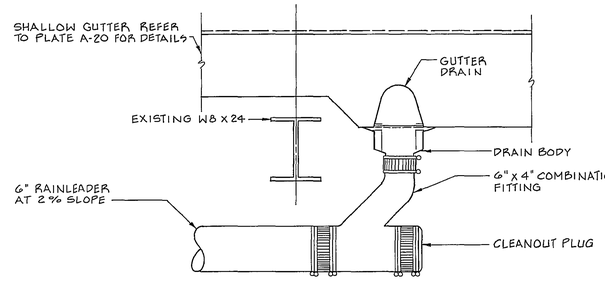
76

FORMAT 6



SPRINKLER SUPPLY DETAIL
NOT TO SCALE

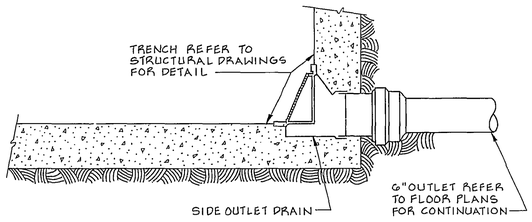




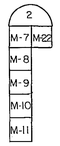
GUTTER DRAIN DETAIL
NOT TO SCALE
BUILDINGS 47,48 & 49

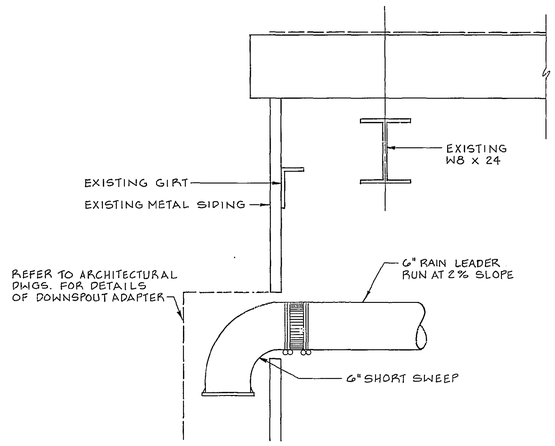
LEGEND

WASTE LINE	
VENT	
SPRINKLER MAIN	S
BRANCH AND HEADS	
ELBOW - TURNED DOWN	
ELBOW-TURNED UP	
FLOOR DRAIN	
SPRINKLER HEAD	
SPRINKLER RISER AND SIZE	
SWING CHECK	
PRESSURE GAGE	
VENT THRU ROOF	VTR
ROOF DRAINAGE	RD
INDUSTRIAL WASTE	IW
CARBON DIOXIDE HAND HOSE STATION	CO_2

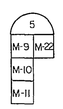


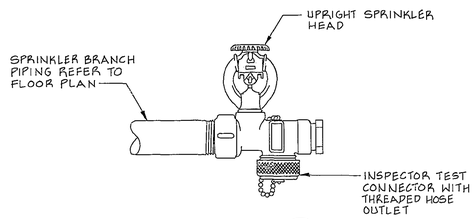
TRENCH DRAIN DETAIL
NOT TO SCALE



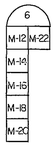


STORM LEADER DETAIL
NOT TO SCALE
BUILDINGS 47,48 & 49





INSPECTOR TEST DETAIL
NOT TO SCALE



SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

WURZ WISECARVER PRUETT
ARCHITECT – ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

PLUMBING AND FIRE PROTECTION DETAILS

ROBIN AIR FORCE BASE GEORGIA

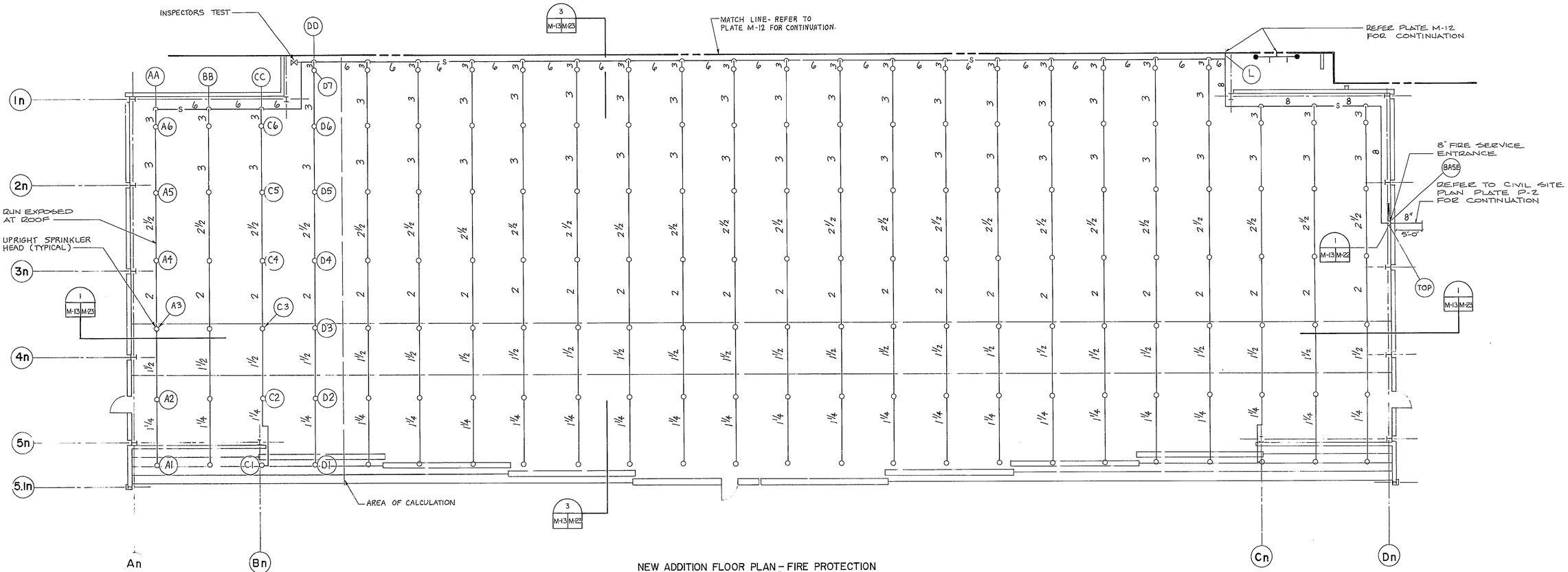
SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA21-85-B-0090	39-01-08	M-22

SCALE AS SHOWN SHEET 75

75

FORMAT 6

REFER TO PLATE M-22 FOR LEGEND



NEW ADDITION FLOOR PLAN - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

SPRINKLER SYSTEM IS BASED ON ORDINARY HAZARD OCCUPANCY. DESIGN DENSITY SHALL BE 0.25 GPM PER SQ. FT. FOR AN AREA OF DEMAND OF 3000 SQUARE FEET. IN ADDITION SUPPLY SHALL BE CAPABLE OF 350 GPM HOSE STREAM ALLOWANCE.

SCALE: 1/8"= 1'-0"
12" 0 5' 10' 15'

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NOSE DOCK EMPENNAGE ENCLOSURE	
BUILDING 44 FIRE PROTECTION	
ROBINS AIR FORCE BASE GEORGIA	
SIZE F · INVITATION NO DACA 2 85 B 0090 · DRAWING NO 39-01-08 · PLATE M-13	
SCALE AS SHOWN	SHEET 66

SYMBOL	ZONE	DESCRIPTION	DATE	BY
REVISIONS				

(BASIC SHEET) MRED OVERLAY FOR BASIC IL M-13)

FORMAT

REFER TO PLATE M-22 FOR LEGEND

CHECK LINE

2½" SPRINKLER DROP TO HEADS PROTECTING UNDERSIDE OF DUCT

HYDRAULIC REFERENCE POINTS (TYPICAL)

2½" SPRINKLER DROP TO HEADS PROTECTING UNDERSIDE OF DUCT AND UNDERSIDE OF MEZZANINE

2" DROP

2" DROP

2" DROP

BELOW DUCT

EXISTING DUCT

RUN BELOW EXISTING DUCTWORK

LINE OF EXISTING MEZZANINE

EXPOSED AT UNDERSIDE OF ROOF

2½" SPRINKLER DROP

CHROME PLATED PENDANT SPRINKLER HEAD (TYPICAL)

Ⓐ EXISTING ACOUSTICAL TILE LAY IN CEILING TO BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE SPRINKLER SYSTEM INSTALLATION.

INSPECTORS TEST (TYPICAL)

AREA OF CALCULATION

MATCH LINE REFER TO PLATE M-13

REFER TO PLATE M-13 FOR CONTINUATION

6" SPRINKLER DROP TO RUN AT ROOF OF EXISTING BUILDING

EXISTING BUILDING FLOOR PLAN - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

SPRINKLER SYSTEM IS BASED ON ORDINARY HAZARD OCCUPANCY. DESIGN DENSITY SHALL BE 0.25 GPM PER SQUARE FOOT FOR AN AREA OF DEMAND OF 3000 SQUARE FEET. IN ADDITION SUPPLY SHALL BE CAPABLE OF 350 GPM HOSE STREAM ALLOWANCE

2½" SPRINKLER UP TO OVERHEAD SYSTEM

EXPOSED UNDER MEZZANINE

UPRIGHT SPRINKLER HEAD (TYPICAL)

UNDER - MEZZANINE PLAN - FIRE PROTECTION

SCALE: 1/8" = 1'-0

SCALE: 1/8" = 1'-0"

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NOSE DOCK EMPENNAGE ENCLOSURE

BUILDING 44 FIRE PROTECTION

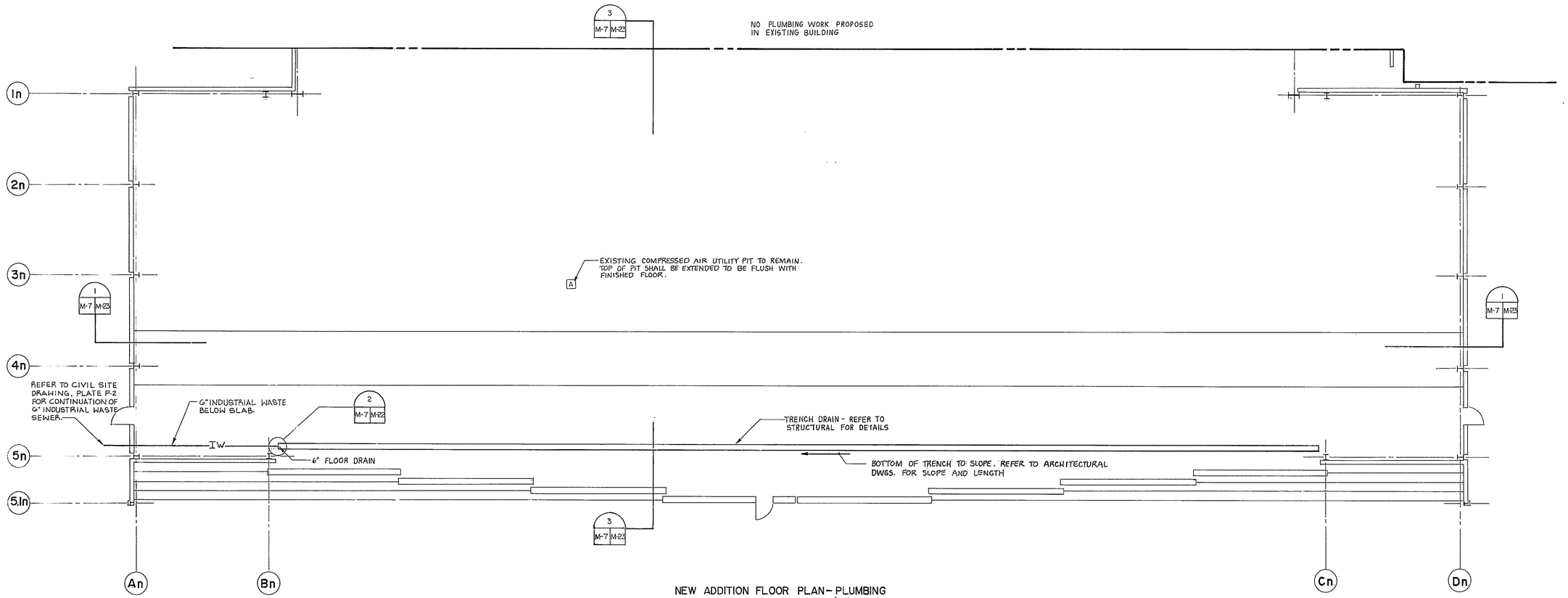
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO	DRAWING NO	PLATE
F	DACA 21 85 B 0090	39 - 01 - 08	M-12
SCALE	AS SHOWN		SHEET 65

SYMBOL	ZONE	DESCRIPTION	DATE	BY
REVISIONS				

(BASIC SHEET) + (RED OVERLAY FOR BASIC R. M-12)

FORMAT 6



NEW ADDITION FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

N

SCALE: 1/8" = 1'-0"
12" 0 5' 10' 15'

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

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ATLANTA GEORGIA

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SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

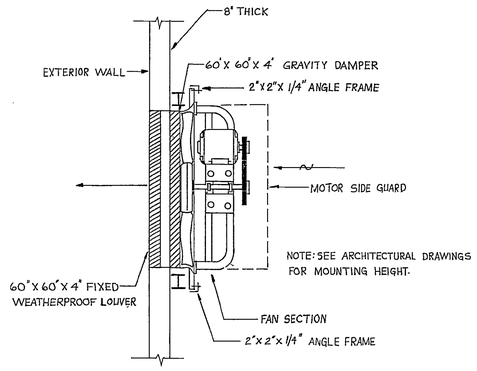
BUILDING 44 PLUMBING

ROBINS AIR FORCE BASE GEORGIA

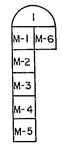
SIZE	INVITATION NO	DRAWING NO	PLATE
E	DACA 7-85-B-0091	39-01-08	M-7
SCALE	AS SHOWN	SHEET 60	

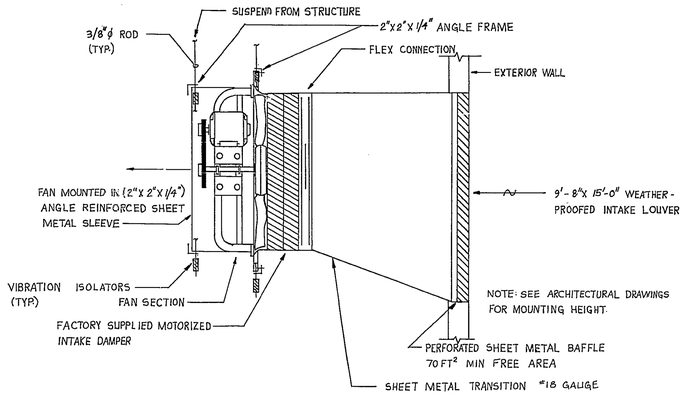
(BASIC SHEET) (RED OVERLAY FOR BASIC E M-7)

FORMAT 6

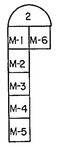


FAN DETAIL
NOT TO SCALE





FAN DETAIL
NOT TO SCALE



F-1 FAN SCHEDULE

TAG	C.F.M	APPROX. S.P. IN. H_2O	DRIVE	H.P.	TYPE	BASIS OF DESIGN	LOCATION	NOTES
EF-1	50,400	.20	BELT	7.5	PROP	GREENHECK SPN-60	WALL MOUNTED	① ② ⑤
EF-2	50,400	.20	BELT	7.5	PROP	GREENHECK SPN-60	WALL MOUNTED	② ③ ④
EF-3	43,200	.20	BELT	5.0	PROP	GREENHECK SPN-60	WALL MOUNTED	① ② ⑥
EF-4	43,200	.20	BELT	5.0	PROP	GREENHECK SPN-60	WALL MOUNTED	② ③ ④

① GRAVITY DISCHARGE DAMPER
② MOTOR SIDE GUARD
③ MOTOR OPERATED DAMPER
④ FAN WILL NOT OPERATE UNTIL DAMPERS ARE COMPLETELY OPEN
⑤ INTERLOCK EF-1 WITH EF-2 (1 EACH)
⑥ INTERLOCK EF-3 WITH EF-4 (1 EACH)

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ, WISECARVER & PRUETT
ARCHITECTS - ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

VENTILATION DETAILS & SCHEDULES

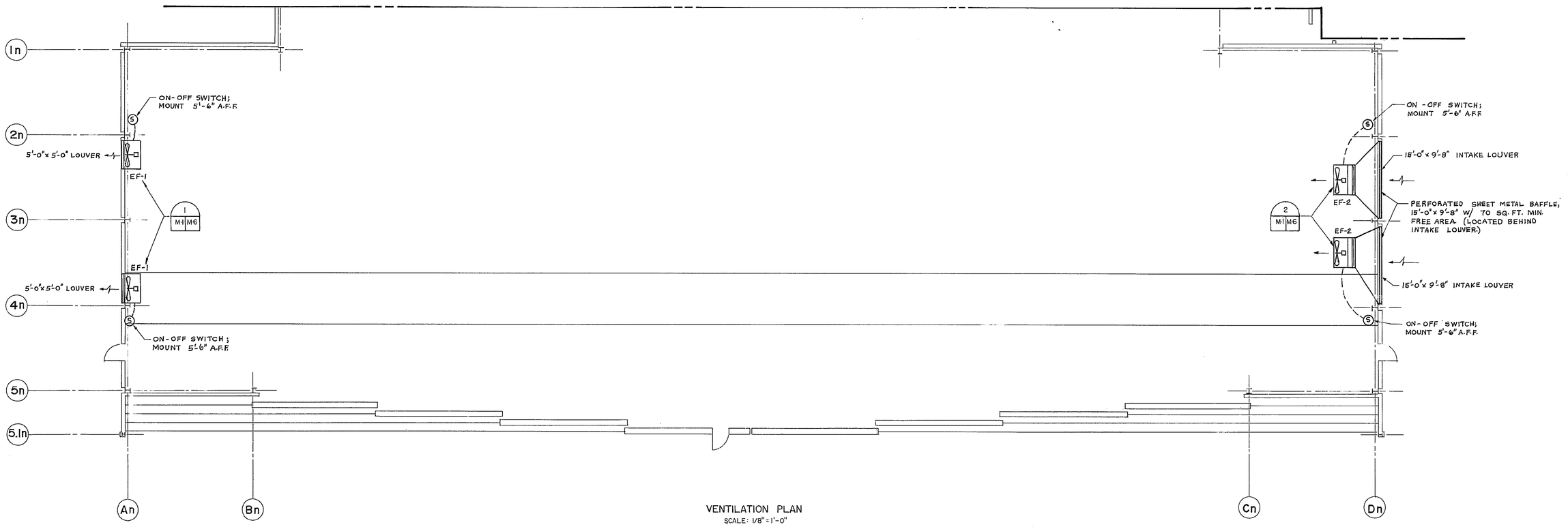
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	M-6

SCALE: AS SHOWN SHEET 59

59

FORMAT 6



VENTILATION PLAN
SCALE: 1/8" = 1'-0"

SCALE 1/8"= 1'-0"
12" 0 5' 10' 15'

SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

DESIGN: AME
PREPARED BY: [signature] PROJECT MANAGER
REVIEWED BY: [signature] PROJECT MANAGER
RECOMMENDED: [signature] CHIEF DIV. PROJ. & CONST. BRANCH
DATE 01 SEPT 83

WURZ, WISECARVER & PRUETT
ARCHITECTS · ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

BUILDING 44 VENTILATION

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO	PLATE
F	DACA 21-85 B-0090	39-01-08	M-1
SCALE AS SHOWN		SHEET 54	

54

FORMAT 6

(BASIC SHEET) RED/OVERLAY
FOR BASIC R M-1

54

GENERAL NOTES

DESIGN LOADS

1. VERTICAL LOADS
   LIVE LOAD = 20 PSF
   WIND UPLIFT = 42 PSF
2. HORIZONTAL WIND FORCES - PRESSURE OR SUCTION
   a. WALL SIDING, PURLINS, WIND COLUMNS
      0'-30' = 39 PSF
      30'-50' = 42 PSF
      50'-65' = 46 PSF
   b. TRUSSES, 'X' BRACING, BOTTOM CHORD BRACING
      0'-30' = 20 PSF
      30'-50' = 39 PSF
      50'-65' = 42 PSF
3. SEISMIC - ZONE ONE
   Z = 3/16, I = 1.25, K = 1.33, S = 1.5, C = .12
   WIND FORCES CONTROL LATERAL DESIGN

FOUNDATION NOTES

1. ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF (MAX.)
2. ALLOWABLE SOIL LATERAL RESISTANCE BASED ON COEFFICIENT OF PASSIVE EARTH PRESSURE (Kp) = 1.79

CONCRETE NOTES

1. SEE SPECIFICATION SECTION 3C1
2. ALL REINFORCING STEEL SHALL BE GRADE 60
3. ALL CONCRETE OTHER THAN PAVING SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
4. ALL CONCRETE PAVING (CENTER 40' OF DOCK) SHALL HAVE A FLEXURAL STRENGTH OF 600 PSI AT 28 DAYS.

CONCRETE NOTES CONT.

5. BASE PLATES SHALL BE ASTM A36
6. ANCHOR BOLTS SHALL BE AS INDICATED ON DWG S16
7. SEE SPECIFICATIONS FOR VAPOR BARRIER.

STRUCTURAL STEEL NOTES

1. SEE SPECIFICATION SECTIONS 5S1 AND 5W1
2. ALL STEEL SHALL CONFORM TO ASTM A36

STEEL JOIST NOTES

1. SEE SPECIFICATION SECTION 5J1
2. ALL JOIST SHALL BE DESIGNED FOR THE GROSS UPLIFT LISTED.
3. ALL BRIDGING SHALL BE L 1½ × 1¼ × ⅛" X" BRACING AND BOLTED AT THE INTERSECTION.
4. SPECIAL JOISTS SHALL BE DESIGNED FOR THE FOLLOWING LOADS, IN ADDITION TO THE LOADS GIVEN IN THE STANDARD LOAD TABLE FOR A 36 LH08 JOIST.

   SPECIAL NO. 1
   CRANE LOAD: 9.0 KIP AND 1.5 KIP AT LOCATIONS INDICATED ON PLAN. THESE LOADS OCCUR SIMULTANEOUSLY AND ARE REVERSABLE THESE LOADS MUST BE VERIFIED WITH CRANE MANUFACTURER.

   SPECIAL NO. 2: BOTTOM CHORD FORCE = 150 KIP - COMP. OR TENSION
   SPECIAL NO. 3: BOTTOM CHORD FORCE = 120 KIP - COMPRESSION
   SPECIAL NO. 4: BOTTOM CHORD FORCE = 70 KIP COMPRESSION
   SPECIAL NO. 5: BOTTOM CHORD FORCE = 20 KIP - COMPRESSION

5. ALL JOIST SHALL HAVE BOTTOM CHORD EXTENSIONS CONNECTED TO BOTTOM CHORD BRACING.

METAL ROOFING

1. SEE ARCH. DWGS AND SPECIFICATIONS FOR TYPICAL ROOF PROFILE, DETAILS ETC
2. ROOF SHALL BE STEEL 22 Ga (MIN) OR ALUMINUM .040" THICKNESS (MIN.)
3. ROOFING SHALL BE CAPABLE OF RESISTING THE DESIGN LOADS WITH A MAXIMUM DEFLECTION OF L/180
4. ROOFING SHALL BE APPROVED BY CONTRACTING OFFICER

METAL WALL SIDING

1. SEE ARCH. DRAWINGS AND SPECIFICATIONS FOR TYPICAL PROFILE, DETAILS ETC.
2. SIDING SHALL BE STEEL 22 Ga. (MIN)
3. SIDING SHALL BE CAPABLE OF RESISTING THE DESIGN LOADS WITH A MAXIMUN DEFLECTION OF L/180
4. SIDING SHALL BE APPROVED BY CONTRACTING OFFICER

WELDING REQUIREMENTS

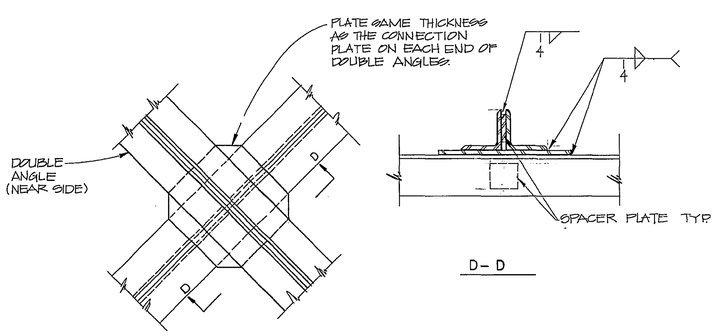
1. FOR MISCELLANEOUS WELD SIZES NOT SHOWN USE A MIN. OF 3/16" OR AISC MINIMUM SIZE, WHICHEVER IS LARGER.

UNDERPINNING NOTES.

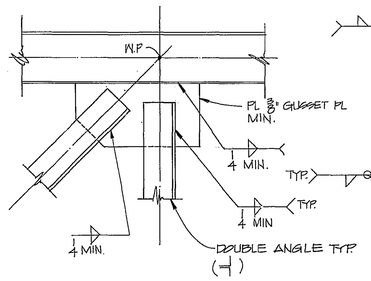
1. UNDERPINNING SHALL BE DONE IN SEGMENTS NOT TO EXCEED 4'-0"
2. CIRCLE NUMBERS INDICATE SEQUENCING.
3. ALLOW DRY PACK & CONCRETE TO CURE FOR A MINIMUM OF 48 HOURS PRIOR TO PROCEEDING TO NEXT SEGMENT
4. UNDERPINNING SHALL MATCH WIDTH OF EXIST. FOUNDATION
5. ANY ALTERNATE DETAILS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL.

UNDERPINNING NOTES CONT.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE EXISTING STRUCTURE AND FOUNDATION DURING THE UNDERPINNING PROCESS AND UNTIL ALL ADJACENT BACKFILL HAS BEEN PLACED TO FINISH GRADE.
7. THE CONTRACTOR SHALL SUBMIT THREE (3) WEEKS PRIOR TO INITIATING ANY EXCAVATION ASSOCIATED WITH EXCAVATION BRACING, SHORING, AND UNDERPINNING OF THE EXISTING CONCRETE BLOCK BLDG, DETAILS OF THE PROPOSED PROCEDURES AND SEQUENCE FOR ACCOMPLISHING THE WORK.
8. IN ADDITION TO THE REQUIRED SHORING ALONG THE LONGITUDINAL FACE OF EXCAVATION, TEMPORARY SHORING AND BRACING SHALL BE REQUIRED AS NEEDED TO PREVENT RAVELING, SLOUGHING AND CAVING OF THE BACK AND SIDES OF THE INDIVIDUAL PANEL OR SEGMENT EXCAVATION.

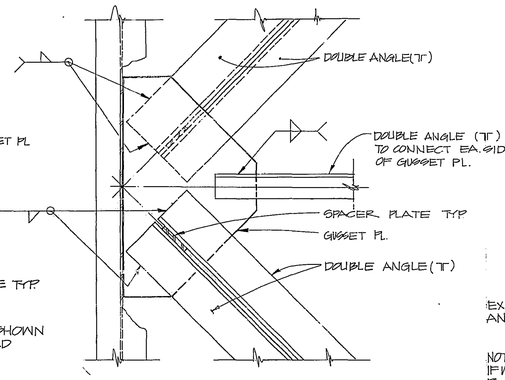


TYP. DOUBLE ANGLE INTERSECTIONS AND SPACER PLATE DETAIL (1 S13 S23; S14)
SCALE: 1" = 1'-0"

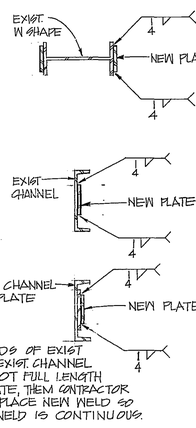


TOP CHORD SHOWN BOTTOM CHORD SIMILAR.

TYP. TRUSS 1 CONNECTION (2 S14 S23)
SCALE: 1" = 1'-0"

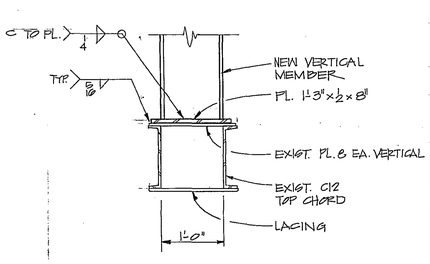


TYP. TRUSS 1 CONNECTION (3 S14 S23)
SCALE: 1" = 1'-0"

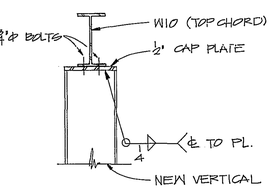


NOTE
IF WELDS OF EXIST PL. TO EXIST. CHANNEL ARE NOT FULL LENGTH OF PLATE, THEN CONTRACTOR SHALL PLACE NEW WELD SO THAT WELD IS CONTINUOUS.

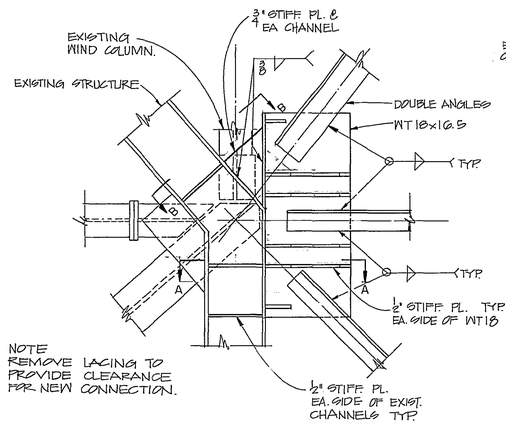
TYP. TRUSS 2 CONNECTION (4 S13 S23)
ADD'L PLATES
SCALE: 1" = 1'-0"



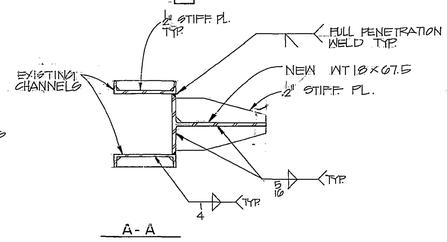
TYP. TRUSS 2 CONNECTION (5 S13 S23)
NEW VERTICAL MEMBER
SCALE: 1" = 1'-0"



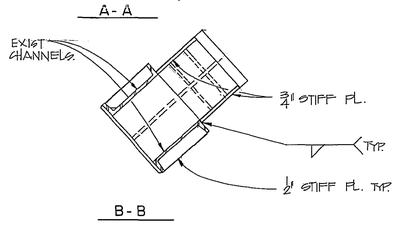
TYP. TRUSS 2 CONNECTION (6 S13 S23)
SCALE: 1" = 1'-0"



NOTE
REMOVE LACING TO PROVIDE CLEARANCE FOR NEW CONNECTION.

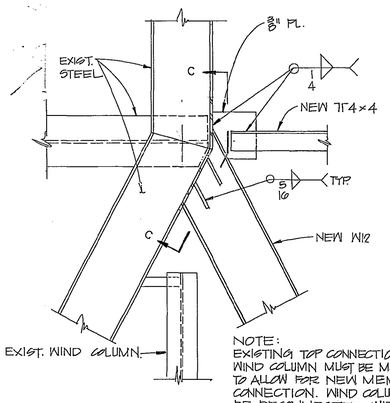


A - A



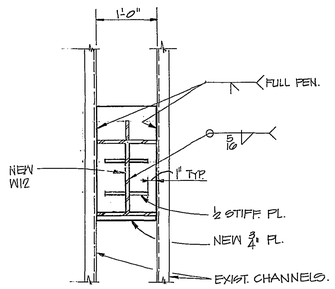
B - B

TYPICAL TRUSS 2 CONNECTION (7 S13 S23)
SCALE: 1" = 1'-0"



NOTE:
EXISTING TOP CONNECTION OF WIND COLUMN MUST BE MODIFIED TO ALLOW FOR NEW MEMBER CONNECTION. WIND COLUMN SHALL BE RECONNECTED WITH SLOTTED CONNECTION.

TYPICAL TRUSS 2 CONNECTION (8 S13 S23)
SCALE: 1" = 1'-0"



C - C

12" 0' 1' 2'
SCALE 1" = 1'-0"

SYMBOL	ZONE	DESCRIPTION	DATE	BY
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U. S. ARMY ENGINEER DISTRICT, SAVANNAH CORPS OF ENGINEERS SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE
GENERAL NOTES
SECTIONS AND DETAILS
ROBINS AIR FORCE BASE GEORGIA

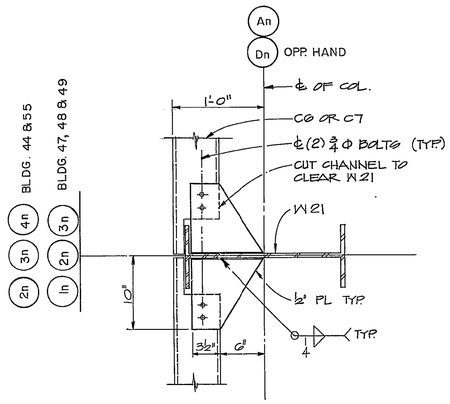
SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	S-23

SCALE: AS SHOWN SHEET 53

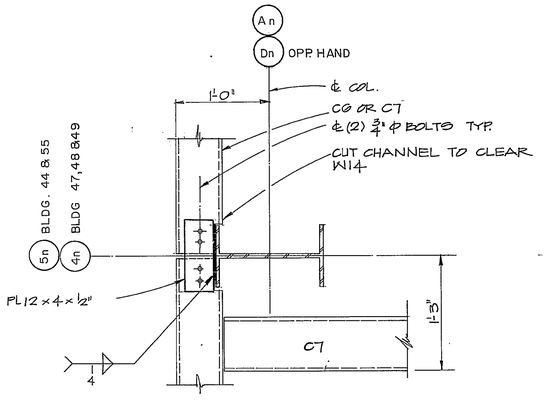
53

FORMAT 6

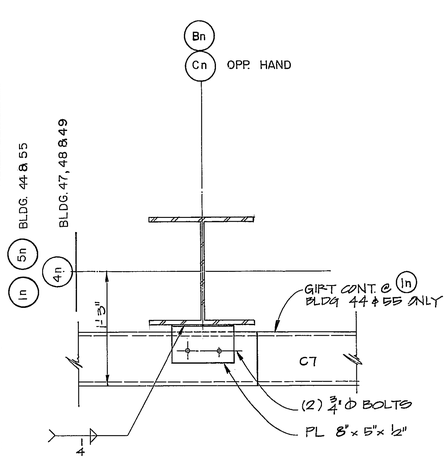
AF 243691C



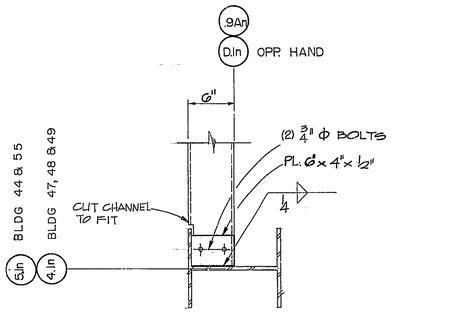
PLAN- GIRT TO COLUMN CONNECTION (1)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S9 S11



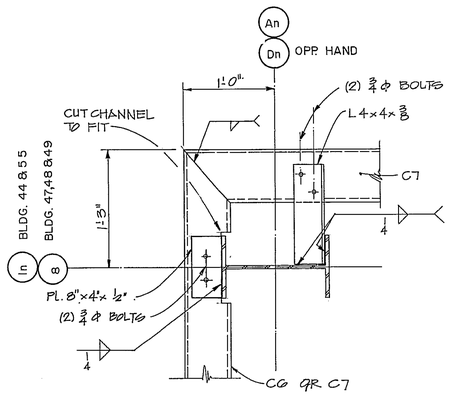
PLAN- GIRT TO COLUMN CONNECTION (2)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S9 S11 S15



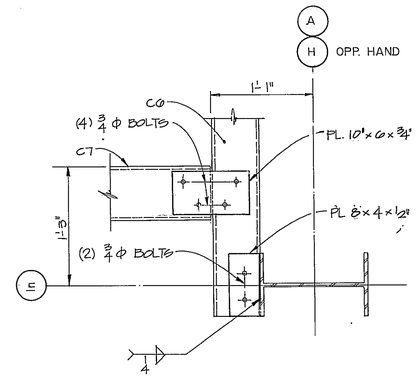
PLAN- GIRT TO COLUMN CONNECTION (3)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S9 S11 S15



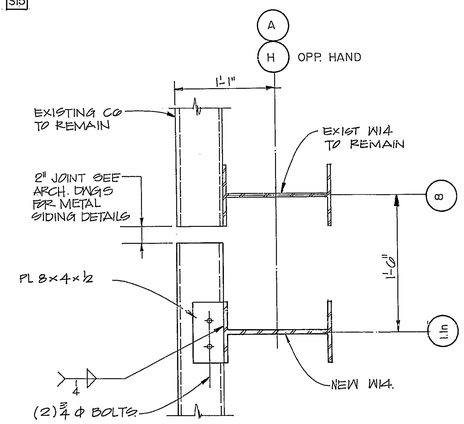
PLAN- GIRT TO COLUMN CONNECTION (4)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S9 S11



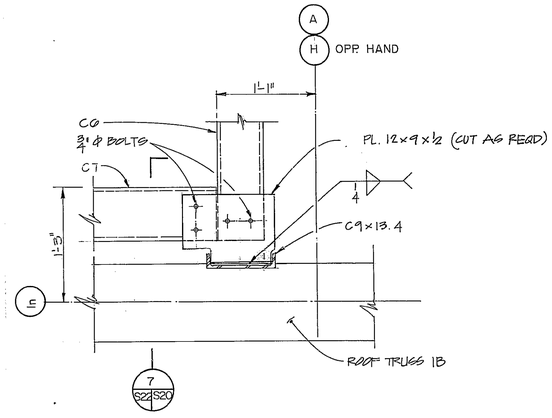
PLAN- GIRT TO COLUMN CONNECTION (5)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S7 S9 S11 S12



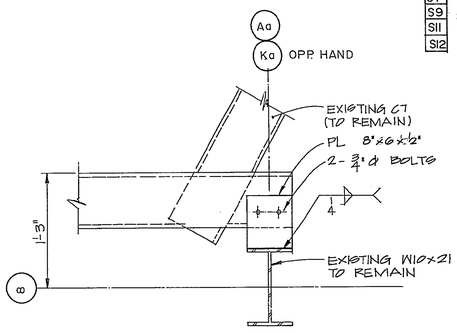
PLAN- GIRT TO COLUMN CONNECTION (6)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6 S7



PLAN GIRT TO COLUMN CONNECTION. (7)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6

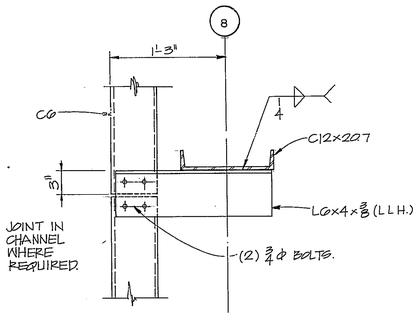


PLAN-GIRT TO TRUSS 1B CONNECTION (8)
SCALE : 1½" = 1'-0"
S2 S22 S4 S6



NOTE
ADJUST VERTICAL LOCATION OF NEW C7 TO MISS EXISTING C7 AND EXISTING CONNECTION. COORDINATE NEW C7 LOCATIONS WITH METAL SIDING LAYOUT

PLAN- GIRT TO COLUMN CONNECTION (9)
SCALE : 1½" = 1'-0"
S9 S22 S12



PLAN - GIRT TO TRUSS 2 CONN. (10)
SCALE : 1½" = 1'-0"
S12 S22

NOTES
1. FOR GENERAL NOTES SEE DWG. NO. S23

12" 6" 1' 2'
SCALE - 1½" = 1'-0"

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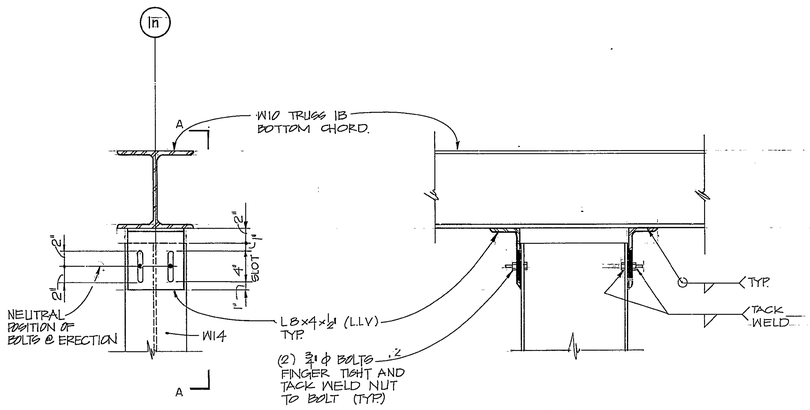
SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	S-22

SCALE: AS SHOWN SHEET 52

52

FORMAT 6

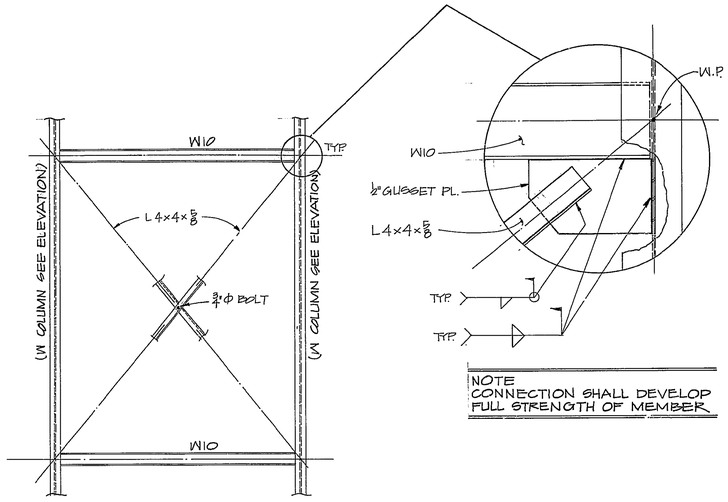


A-A

ELEVATION

VERTICAL SLOTTED CONNECTION

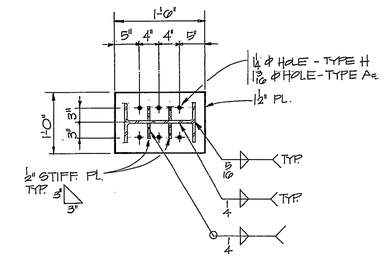
SCALE : 1½" = 1'-0"



NOTE
CONNECTION SHALL DEVELOP FULL STRENGTH OF MEMBER

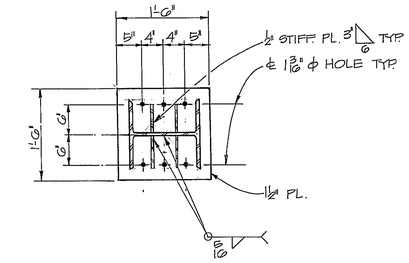
"X" BRACING DETAIL

SCALE : ⅜" = 1'-0"



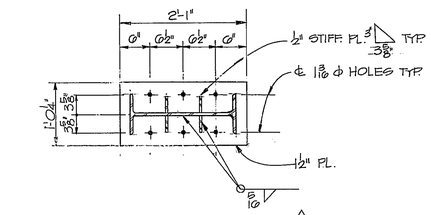
BASE PLATE DETAIL – TYPE A & H

SCALE 1" = 1'-0"



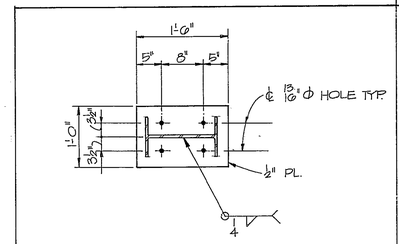
BASE PLATE DETAIL - TYPE B

SCALE : 1" = 1'-0"



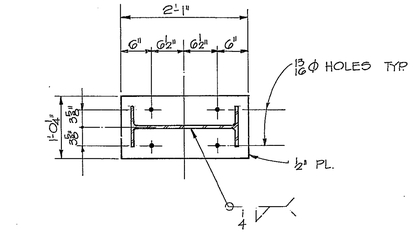
BASE PLATE DETAIL - TYPE D

SCALE : 1" = 1'-0"



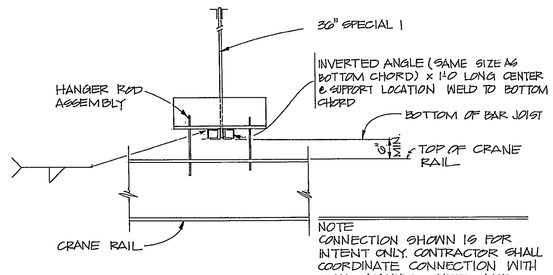
BASE PLATE DETAIL - TYPE C & E & G

SCALE : 1" = 1'-0"



BASE PLATE DETAIL - TYPE E

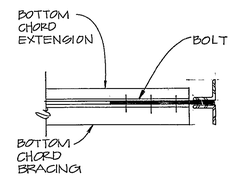
SCALE : 1" = 1'-0"



NOTE
CONNECTION SHOWN IS FOR INTENT ONLY. CONTRACTOR SHALL COORDINATE CONNECTION WITH CRANE MANUFACTURER AND BAR JOIST FABRICATOR.

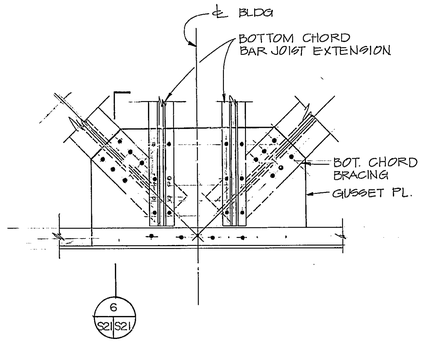
CRANE RAIL CONNECTION

SCALE : 1" = 1'-0"



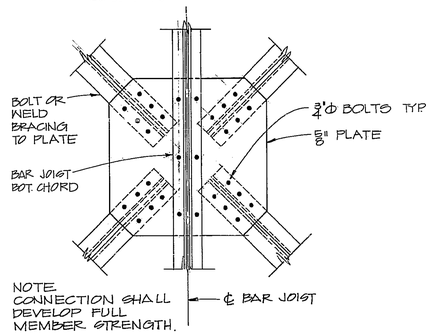
SECTION BOTT. CHORD BRACING CONNECTION

SCALE : 1" = 1'-0"



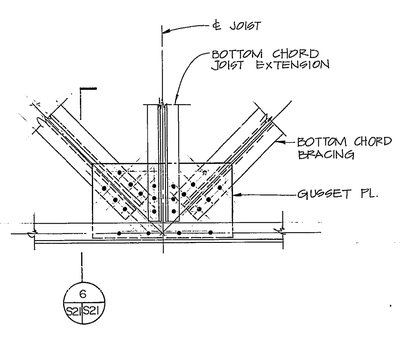
PLAN - BOTT. CHORD BRACING CONNECTION

SCALE : 1" = 1'-0"



PLAN - BOTTOM CHORD BRACING CONNECTION

SCALE : 1" = 1'-0"



PLAN - BOTT. CHORD BRACING CONNECTION

SCALE : 1" = 1'-0"

NOTES

1. FOR GENERAL NOTES SEE DWG S23.

SCALE : ⅜" = 1'-0"

SCALE : 1½" = 1'-0"

SCALE : 1" = 1'-0"

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ WISECARVER & PRUETT
ARCHITECTS ENGINEERS
ATLANTA GEORGIA

U. S. ARMY
ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOSE DOCK EMPENNAGE ENCLOSURE

SECTIONS AND DETAILS

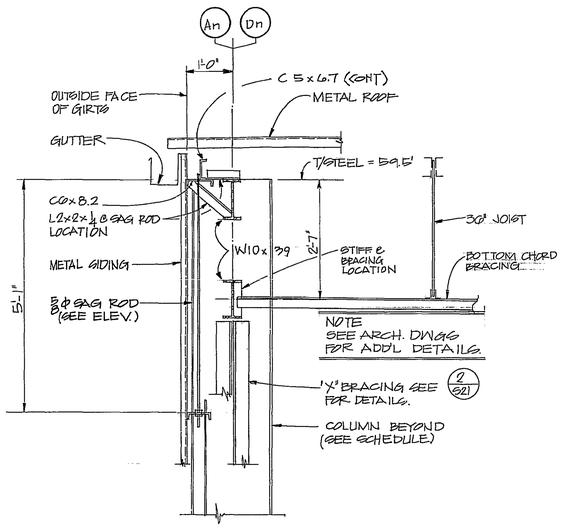
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	S-21

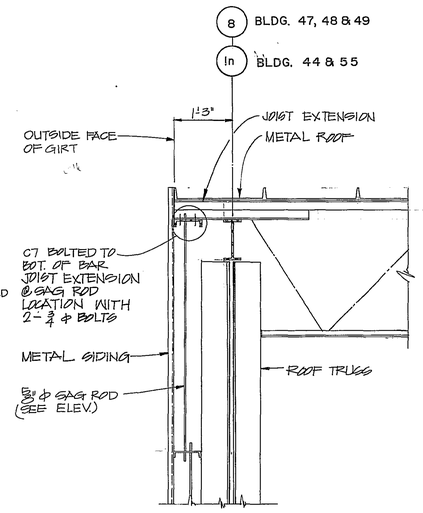
SCALE: AS SHOWN SHEET 51

51

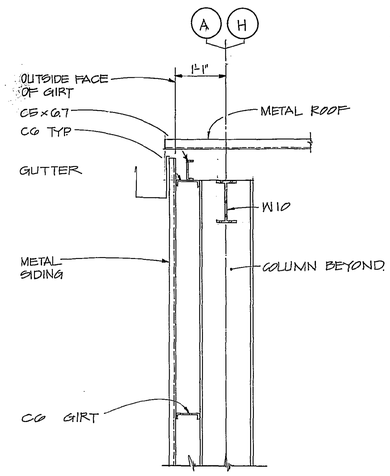
FORMAT 6



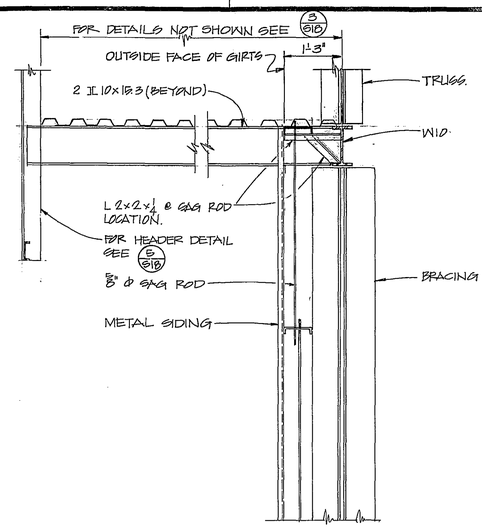
SECTION
SCALE: 3/4 = 1'-0"
1 | S2 | S20 | S4 | S9 | S5 | S10



SECTION
SCALE: 3/4 = 1'-0"
2 | S2 | S20 | S4 | S9



SECTION
SCALE: 3/4 = 1'-0"
3 | S2 | S20 | S4



SECTION
SCALE: 3/4 = 1'-0"
4 | S2 | S20 | S4 | S9

SECTION AT LOW ROOF (44)
SCALE: 3/4 = 1'-0"
5 | S2 | S20

SECTION AT LOW ROOF (44)
SCALE: 3/4 = 1'-0"
6 | S2 | S20

SECTION
SCALE: 1 1/2" = 1'-0"
7 | S7 | S20 | S22

SCALE: 1 1/2" = 1'-0"
12" 6" 0 1'

SCALE: 3/4" = 1'-0"
12" 6" 0 1' 2'

NOTES:
1) SEE S-13 FOR NOTES.

SYMBOL	ZONE	DESCRIPTION	DATE	BY
1				

REVISIONS

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SECTIONS AND DETAILS

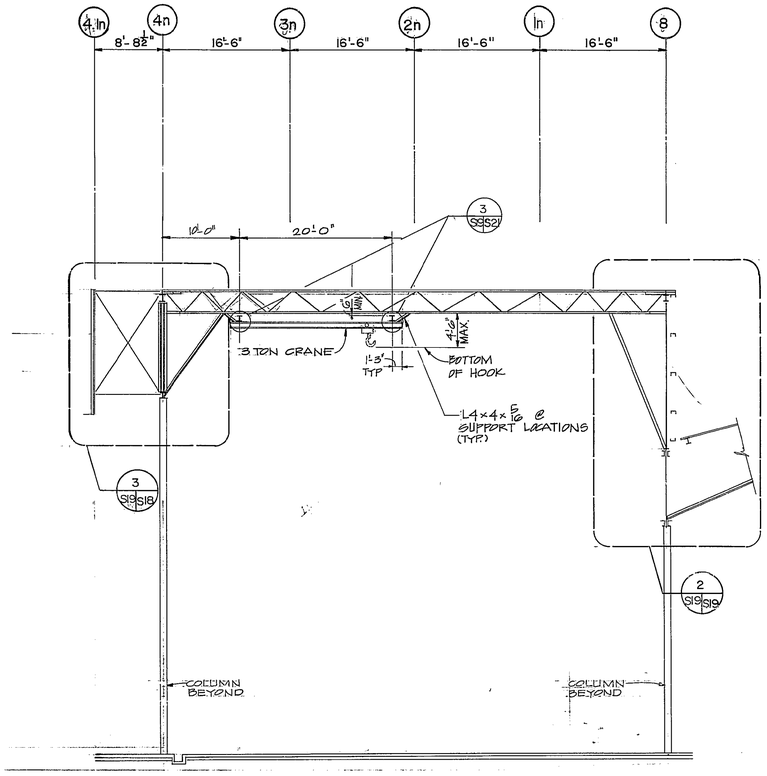
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	S-20

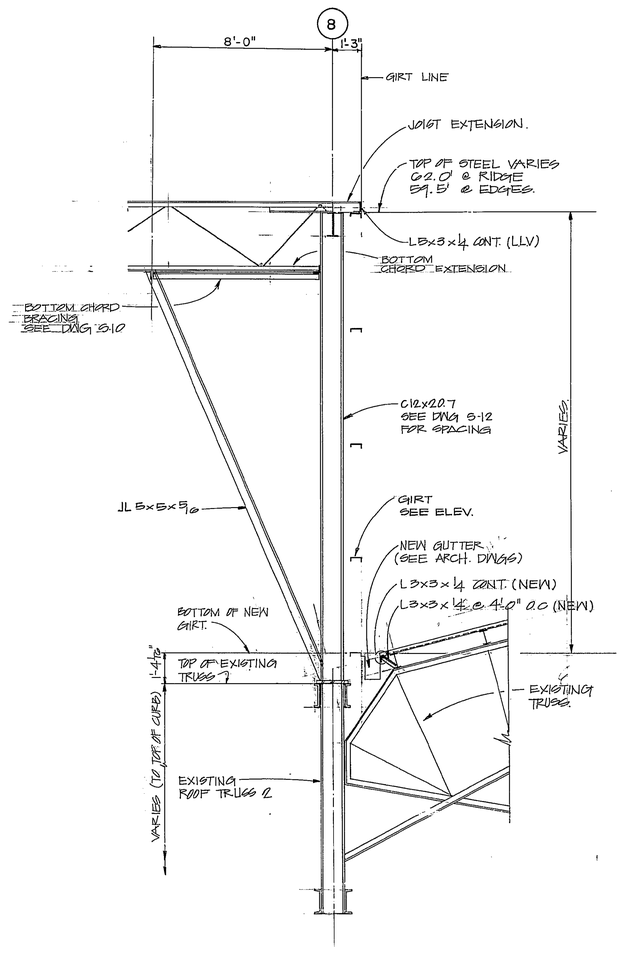
SCALE: AS SHOWN SHEET 50

50

FORMAT 6



SECTION
SCALE : 1/8" = 1'-0"
1 S9 S19



SECTION
SCALE: 3/8" = 1'-0"
2 S9 S19 S12 S19 S10

NOTES:
1. FOR GENERAL NOTES SEE DWG S23
2. ALL BRACING CONNECTIONS SHALL DEVELOP FULL CAPACITY OF MEMBER

12' 0 5' 10' 15'
SCALE : 1/8" = 1'-0"

12' 0 2' 4' 6'
SCALE : 3/8" = 1'-0"

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BUILDING SECTIONS

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39-01-08	S-19
SCALE: AS SHOWN		SHEET 49	

49

FORMAT 6